

# Forty-sixth Annual Report

OF THE

BOARD OF TRUSTEES

OF

# The Ohio State University

TO THE

GOVERNOR OF OHIO

FOR THE

YEAR ENDING JUNE 30

1916

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PRESS OF  
OHIO STATE REFORMATORY  
1917





## ANNUAL REPORT OF THE PRESIDENT

*Honorable JULIUS F. STONE, Chairman of the Board of Trustees, The Ohio State University.*

DEAR SIR:—I have the honor to present through you, to the Board of Trustees of the Ohio State University for transmission to the Governor of Ohio, as required by law, the forty-sixth annual report of the President of the Ohio State University for the year ending June 30, 1916.

### THE BOARD OF TRUSTEES

The term of office of the Honorable Julius F. Stone expired May 13, 1916. Governor Willis reappointed him for a term of seven years, a fitting tribute to his efficiency in service, and an appointment universally appreciated.

### THE FACULTY

During the year an unusual number of changes in subordinate departments have occurred. These frequent changes are due to the promotion of young men, their resignation in order to pursue advanced graduate study and an occasional transfer to another institution of learning.

These changes in the subordinate departments are not matters of serious regret, but rather of satisfaction, for the reason that they indicate a desirable activity among the young men in proving their equipment and fitness for university service. The fact that institutions transfer readily young men is also a healthful sign and a matter of some encouragement for young men to enter the teaching profession.

Among the more important changes the following are deserving of especial mention:

Professor A. G. McCall retired from the service and transferred to the College of Agriculture and Mechanic Arts of Maryland, effective June 30, 1916.

Professor McCall graduated from the Ohio State University in the class of 1900, and spent some time with the U. S. Department of Agriculture in Washington, D. C. He came to Ohio State University, College of Agriculture in 1904, and was in continuous service, save one year's leave of absence, until his resignation. He goes to his new position with increased efficiency supported by some years of experience in teaching and investigation and will doubtless commend himself highly to the new authorities under whom he serves.

Professor J. Warren Smith of the United States Weather Bureau was transferred from Columbus to Washington, D. C., effective February 1, 1916. This necessarily terminated his service at Ohio State University. For some

years Professor Smith has made valuable investigations in Climatology, and taught the courses for students in the College of Agriculture. He was a man of unusual fitness, both for teaching and investigation, and his transfer was a serious loss.

Dr. Thomas C. Hoover resigned from the College of Medicine on account of health conditions. Dr. Hoover, for practically a generation, had been intimately associated with the Starling Medical College and later with the Starling Ohio Medical University, and still later with the College of Medicine, Ohio State University. During all these years his services were of high character and his devotion to the cause of medical education was much appreciated by the students scattered everywhere throughout Ohio and other states.

Dr. William Jackson Means resigned as Dean of the College of Medicine, effective June 30, 1916. Dr. Means was one of the founders of the Ohio Medical University, later merged with the Starling Medical College into the Starling Ohio Medical College, and later became the College of Medicine, Ohio State University. Dr. Means served as Dean in all these institutions, and perhaps to him more than any one other man should be given the credit for bringing the Ohio Medical University up to a point of high efficiency, and later he was active in the steps looking toward the union of the local medical colleges. His services in the American Medical Association were recognized throughout the country, and his place in the history of medical education throughout Ohio is well recognized by the profession throughout the state. He retired with the esteem and good will of his colleagues, and with distinct appreciation of his long and valuable service, both in the College of Medicine and to his profession in central Ohio.

Professor Frank B. Pearson retired from the service of the University to accept a position as Superintendent of Public Instruction to which he was appointed by Governor Willis. His resignation was effective April 1, 1916.

**Professor Pearson served the University first as High School Visitor for a number of years, and later was assigned to the work of Principles and Practice of Education for part of each year, during which time he conducted classes in observation and practice work. His long service in the Public Schools of Columbus, his effective work as High School Visitor and his recognized leadership in education made his appointment as Superintendent of Public Instruction one of peculiar fitness.**

Professor Edward Orton, Jr., was given leave of absence for the year ending June 30, 1916, but before the close of the year tendered his resignation as Dean of the College of Engineering, effective June 30, 1916. His resignation, however, did not involve his separation from the university as the trustees elected him Research Professor of Ceramic Engineering.

1873! Professor Orton's association with the university began in 1894, and has been continuous from that date. To him, perhaps, more than to any other



one was due the organization of the work in Ceramic Engineering, as well as the enactment of the statute for the maintenance and support of this field of education.

His services as Dean were characterized by greater efficiency and broader intelligence upon the problems of engineering education. His resignation is sincerely regretted by all, but his desire to devote his life to investigation and research controlled his decision.

Professor George B. Kauffman was given leave of absence for the year ending June 30, 1916, on account of serious illness, and he retired from the service of the university June 30, 1916. His services in Ohio State University began in 1887 as Associate Professor of Pharmacy. He became Dean of the College of Pharmacy in 1894. His services, always understood to be on part time because of certain other connections, were, however, continuous from his original appointment to the date of his retirement. Professor Kauffman's wide experience in business as the head of the firm of The Kauffman & Latimer Company of Columbus, his intimate acquaintance with the field of Education and Pharmacy, and his rare good judgment made him a reliable member of the University Faculty, and one whose judgment in administrative matters was relied upon with great confidence. He served continuously for a term of twenty-nine years in the University, a record on which he may look with a justifiable pride.

#### APPOINTMENTS

Among the more important appointments of the year, mention may be made of Alfred Vivian, appointed Dean of the College of Agriculture, effective November 1, 1916. Professor Vivian received his first appointment in the Ohio State University in 1902, and came to the Deanship after years of efficient service in the department of Agricultural Chemistry.

Dr. Eugene F. McCampbell was appointed Dean of the College of Medicine to succeed Dr. William J. Means, resigned. During the second semester an arrangement was made by which Dr. Means should conclude the year's service in educational work, and that Dr. McCampbell should have charge of the reorganization and of the budget for the year beginning July 1, 1916, and of all appointments effective from and after that date. Dr. McCampbell came to this position after some years of service in the university, department of Bacteriology, and later rendered a very high order of service in the State Board of Health, as its Secretary. At the time of his appointment he was serving as head of the department of Public Health and Sanitation in the College of Medicine.

Professor James E. Hagerty was appointed Dean of the newly organized College of Commerce and Journalism, effective March 7, 1916. Professor Hagerty's service began as Assistant Professor of Economics and Sociology in 1901. Since 1904 he has served as head of the department of Economics and Sociology.

## NEW ORGANIZATIONS

During the year the most important new departures in administration and activity were, first, the reorganization of the College of Medicine, by which practically one-third of the faculty was discontinued. The College of Medicine, like all the older colleges which owed their existence to the enthusiasm, devotion and philanthropy of the profession, was organized around the convenience of the medical profession. It could not be otherwise if a college was to render its services largely through the gratuitous services of men actively engaged in the practice of their professions. The progress of medical education, however, steadily led to the responsibility of the state and the appointment of a faculty through the University. This at once put the College of Medicine, like every other college, upon the basis of state support and presented the issue as to the principles of organization. There was no reason, therefore, why a college of medicine like all other colleges should not be organized around the need of the student. This principle once recognized made it apparent that a smaller faculty would be required and that this smaller faculty in larger degree should be remunerated for their services, making the gratuitous services much less than under the former method, and at the same time giving to each teacher a more continuous opportunity to teach the subject or specialty which he represents. Under this principle of organization the College of Medicine has been thoroughly reorganized.

In completing this work it is entirely appropriate that recognition should be given to and mention made of the services rendered at great sacrifice by members of the medical profession in the city of Columbus. The fact, therefore, that the faculty was reduced in numbers could not in any way be interpreted justly as a reflection upon men who retired, but as a necessity, due to the principles of reorganization. The University, therefore, without hesitation puts on record its high appreciation of the services rendered by the medical profession to the cause of medical education. To lay the foundation for the present College of Medicine many of these men distinguished in their professions were unstinted in their loyalty and devotion to the College of Medicine in the days when its future might have been a subject of some debate.

Another important departure was the organization of the College of Commerce and Journalism. This college is based on two years of collegiate work and is intended to bring proper emphasis upon the problems of commerce, business administration, journalism and the general group of problems arising out of modern business. The courses of study were approved and adopted and will be put into operation in September, 1916.

The most significant action of the year was found in the provision made for Research Professorships. At a meeting of the Trustees held February 8, 1916, the President presented the following resolution:

"I desire to present for future consideration and action by the Trustees, a proposal to establish and maintain one or more research professorships. The pur-



pose in such a plan would be to provide for the setting aside to scientific research selected men recognized for their ability to pursue such studies with efficiency and in the scientific spirit.

"In support of this proposal it may be said that a real university should exercise several functions; first, the teaching function, chiefly for the benefit of leadership and guidance to students; second, the research function in a limited measure as is practicable among men whose chief business is teaching; and third, the development of science and learning for the purpose of widening the horizon and confirming the truth upon which all scholarship and progress are based.

"The Ohio State University—by the terms of the Act of 1862, and all subsequent legislation by the Federal Government and the State of Ohio, is committed to applied science and to a helpful relation to all the industries of the state. No field could be more attractive to the investigator with original power. In my opinion the University will not have measured up to its opportunity until it shall have made provision for a limited number of scholars to devote their chief energies to the work of research while relieved from the ordinary routine of teaching. At the heart of the University is the scholar, the most important asset of the university or the state. Before this scholar should open the opportunity for untiring research in the fields of learning.

"From time to time the University should set apart capable men to this work. Nothing that I know of would do more to strengthen the University or to dignify its relation to the state. The encouragement thus offered to oncoming scholars among us would be a great stimulus to every department of study now organized in the University."

This resolution was unanimously adopted by the Board of Trustees. Its purpose in the establishment of research professorships is to make provision by which a professor may be assigned for a longer or shorter period to research work. This appointment may be indefinite or for life term. In some instances younger men showing unusual ability for research and having a definite problem before them could be assigned to a research professorship for a series of years, and later return to the ordinary teaching work. The university, therefore, does not commit itself to the indefinite assignment of men necessarily, but leaves that question always open for consideration and adjustment to be determined by the desire of the men, the nature of the problems at which they are working, and the interests involved. The chief aims therefore of this departure were, first, to give suitable emphasis to research work, and second, to open a way by which men may be assigned to this work with their consent under such conditions as would make it a position of dignity and efficiency.

Under this action the Trustees appointed Professor Herbert Osborn, head of the Department of Zoology and Botany a research professor in Zoology and Entomology, and Professor Edward Orton, Jr., as research professor of Ceramic Engineering. It was understood and agreed at the time that the appointment of Professor Orton was for part time and should give him the privilege of certain personal services to which he desired to devote some time. In both instances it was agreed that these professors should direct

such advanced or graduate students for research work as would be found mutually desirable and agreeable. In the future the appointment to these research professorships will probably continue the arrangement for directing graduate work when found mutually desirable.

#### LEAVE OF ABSENCE

The following persons were on leave of absence for the year 1915-16:

Edward Orton, Jr.—Dean of the College of Engineering and Professor of Ceramics.  
(Without salary.)

George B. Kauffman—Dean of the College of Pharmacy and Professor of Pharmacy.

Miss Olive Jones—Librarian.

Clyde T. Morris—Professor of Structural Engineering, September to February.

Frank H. Eno—Professor of Municipal Engineering, February to June.

Edgar S. Ingraham—Professor of Romance Languages.

Charles C. Huntington—Professor of Economics and Sociology.

Louis A. Cooper—Assistant Professor of English.

Albert P. Weiss—Assistant Professor of Psychology, February to June. (Without salary.)

Harry Crane—Instructor of Psychology. (Without salary.)

#### ENROLLMENT AND DEGREES GRANTED

The usual summary of enrollment and degrees granted is presented in this report. The statistics for the summer session of 1915 are given.

Graduate School .....	244	244
College of Agriculture—		
Undergraduates (Agr., Entomology, Forestry, Landscape Arch., Pomology, degree courses) .....	803	
Undergraduates (Home Economics, degree course) .....	250	
Undergraduates (certificate courses) .....	216	1269
Arts-Education .....	115	115
College of Arts, Philosophy and Science .....	1258	1258
College of Dentistry .....	161	161
College of Education .....	447	447
College of Engineering—		
Undergraduates (degree courses) .....	916	
Undergraduates (certificate courses) .....	27	943
College of Homeopathic Medicine .....	39	39
College of Law .....	168	168
College of Medicine .....	188	188



## College of Pharmacy—

Undergraduates (degree course) .....	26	
Undergraduates (two year certificate course) .....	71	97
College of Veterinary Medicine .....		166
Applied Optics .....		16
		<hr/>
Total .....		5111
Names counted twice .....		16
		<hr/>
Net total (Academic year).....		5095

## SUMMER SESSION, 1915—

Graduate School .....	144	
College of Agriculture .....	105	
College of Arts .....	238	
College of Dentistry.....	1	
Arts-Education .....	35	
College of Education .....	331	
College of Engineering .....	141	
College of Pharmacy .....	7	
College of Veterinary Medicine .....	6	
Applied Optics .....	2	
		<hr/>
		1010
Lake Laboratory, 1915 .....	19	19
Winter Course in Agriculture, 1916.....	173	173
		<hr/>
Total .....		6297
Names counted twice .....		475
		<hr/>
Grand net total for year.....		5822

## DEGREES

At the Commencement held on June 6, 1916, the University granted a total of 851 degrees. These were distributed as follows:

Graduate School .....	90
College of Agriculture .....	209
College of Arts, Philosophy and Science.....	176
College of Dentistry .....	34
College of Education .....	79
College of Engineering .....	112
College of Homeopathic Medicine .....	7
College of Law .....	24
College of Medicine .....	60
College of Pharmacy .....	5
College of Veterinary Medicine .....	55
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Total .....	851

In addition to the degrees granted, certificates for the completion of courses not leading to degrees were granted as follows:

College of Law .....	17
College of Pharmacy .....	20
Total .....	37
Degrees granted during present academic year.....	51
Total number of degrees and certificates granted for the year ending June 6, 1916 .....	939

### SUMMER SESSION, 1915

	TOTAL ATTENDANCE	1914	1915
At Columbus .....	928	991	
At Lake Laboratory .....	14	19	
Total .....	942	1010	

### COLLEGIATE DISTRIBUTION

College of Agriculture .....	83	105
College of Arts, Philosophy and Science.....	238	238
Arts-Education .....		35
College of Dentistry .....		1
College of Education .....	283	331
College of Engineering .....	167	141
Applied Optics .....		2
College of Pharmacy .....	10	7
College of Veterinary Medicine .....	6	6
Graduate School .....	125	144
Auditors .....		
Home Makers .....	16	
	928	1010

### OCCUPATION OF STUDENTS

College Instructors .....	25	25
High School Superintendents .....	50	40
High School Principals .....	30	33
High School Teachers .....	310	229
College Students .....	420	516
Miscellaneous .....	35	26
Unclassified .....	58	141
Total .....	928	1010

### PREPARATION FOR STUDENTS

Holding Degrees .....	244	240
Collegiate .....	684	770
Below Collegiate .....	2	
Total .....	928	1010



The above statistics are so well analyzed as to need very little comment. Those interested will see in comparing them with similar statistics of former courses were granted as follows:

First—The university's steady increase in the sum total of its student roll, and in the sum total of its activities

Second—The summer session steadily develops in its attendance and is characterized by the fact that an increasing number of students come who already hold degrees and are pursuing advanced and in some cases graduate work. No student is admitted to the summer session who is not pursuing courses having university credit.

Third—The steady increased number of the graduating class shows a persistence of the student body that is very encouraging. The chief strength in the university lies in the persons whose education has been completed. The Senior Class, therefore, represents the strength of the University as no other factor does. When the fact is recalled that many of these students graduate after considerable sacrifice by themselves and their families the case is all the more gratifying.

#### RELIGIOUS AND OCCUPATIONAL STATISTICS

These statistics for the year 1915-16 being at hand at the time the report for the year ending June 30, 1915, was submitted to print, have been included in the annual report for last year and therefore are not repeated in this report.

#### GIFTS

The following gifts are worthy of special mention. The detailed list of these gifts will be found in the Secretary's annual report. Mention is here made of the more important:

Mr. Ralph D. Mershon of the class of 1890.....	\$ 300
For the department of Military Science.	
Professor Edward Orton, Jr.....	300
For the department of Military Science.	
Colonel J. G. Battelle.....	1,000
To be added to the Endowment Fund, the interest to be used annually for the Military Department.	
C. F. Kettering of the class of 1904.....	500
For research work in the College of Homeopathic Medicine.	

The largest single gift of the year was one of \$30,000 received from the property of the former Pulte Medical College of Cincinnati and the Cleveland Pulte Medical College. This money was used for the construction in part of the hospital for the College of Homeopathic Medicine which will be opened for service in September, 1916.

I submit herewith as a part of this report, the annual reports of the deans of the several colleges. The annual reports from departments are omitted from this annual report, although they contain a large amount of information. Some of these departmental reports, in whole or in part, will be

printed as special bulletins for use by the University. The limitations of this annual report prevent the publication of a complete account of the University's activities.

The annual report of the Secretary of the Board of Trustees is included in this report as Appendices I, II and III. Attention is directed to the fact that this report, among other details, contains a summarized statement of income and of classified expenditures; also such other information as may be of general interest or is required by law. A complete detailed financial report is printed as a separate bulletin.

In addition the usual statistical tables required by law are submitted herewith as a part of this report in the form of appendices.

#### CONCLUSION

In closing this report it is a matter of sincere gratification to record a year of general prosperity and progress. The cooperation of trustees, faculty and students has been most commendable. No effort has been made in this annual report to show the needs of the University, but simply to make a record of service actually rendered.

Very respectfully,

W. O. THOMPSON



## REPORT OF THE DEAN OF THE ARTS, PHILOSOPHY AND SCIENCE

President W. O. THOMPSON, *Ohio State University*.

DEAR SIR:—I have the honor to submit the report of the College of Arts, Philosophy, and Science for the year ending June 30, 1916.

### ENROLLMENT

The College enrolled 1373 students, an increase of 925 over the preceding year and the largest number in its history. Of the total number, 474 were women. The figures given above include Arts-Education students but are exclusive of the summer session.

The departments showing the largest percentage of increase in enrollment were English, History, Spanish, and Philosophy. Additional instructors will be needed in these departments the coming year.

### PROGRESS

The College has adjusted itself without the slightest difficulty to the new state law requiring it to admit to the freshman class without conditions graduates of first grade Ohio High Schools. There were forty-one such graduates admitted unconditionally who under the former regulations would have received slight conditions. There was no instance in which the deviation from traditional standard was sufficiently serious to prevent the student from carrying a regular schedule.

The raising of standards of admission to Law and Medicine has resulted in a better organization of the preliminary two or three years of work for these colleges.

Increased use of the seminar rooms in the library for the work of instructors and advanced students is a consequence of the rapid growth of the library itself and indicates a corresponding growth of true university ideals.

The establishment of a laboratory for experimentation in Phonetics and the increase of facilities for investigation in the Psychological laboratory are matters of congratulation especially among upper class students.

A beginning of an historical museum has been made by the Department of European history. Other departments interested in such a museum are the language departments and American History. The museum will prove to be of value not only in the work of instruction, but also in promoting good teaching in the State. The museum requires better quarters for display.

Courses in Comparative Literature and Language given by professors of established departments have been coordinated so as to lessen the amount of duplication hitherto prevailing. These courses present the history of literary movements and of literary species, and the principles of language growth and change, not in a single literature or language, but in several treated coordinately.

## PUBLICATIONS AND RESEARCH

All of the departments report research work in progress, the results of which have appeared or will appear in journals of the national scientific, language, historical and economic societies. The college rarely fails of representation on the annual programs of these national organizations. Among the more important of the publications and researches of the year I select the following:

*Professor Bolling, Department of Greek.*

*The Latest Expansions of the Iliad*, American Journal of Philology, XXXVII (1916). Review of Austin Smyth's *The Compositions of the Iliad* (Classical Weekly), M. Valetan's *De Iliades fontibus et compositione* (Am. Jr. Phil.), F. Sartiaux *Troie, la Guerre de Trois* (American Historical Review), Robinson's *Syntax of the Participle in the Apostolic Fathers* (Classical Philology).

*Professor Leighton, Department of Philosophy.*

Review of L. T. More's *The Limitations of Science*. Article on *Percipients, Sense Data and Things*, (both in the Journal of Philosophy, Psychology and Scientific Methods). A treatise on *Philosophical First Principles* (in preparation). Several articles on Preparedness, Worth of Philosophy, *Philosophy in Education*.

*Professor Davies, Department of Philosophy.*

*A Text book of Logic.*

*Professor Bleile, Department of Physiology.*

*An Investigation of certain problems of Protein Synthesis.*

*Professor Denney, Department of English.*

Report on the *Reorganization of High School English*. Hosc and others (U. S. Bureau of Education).

*Assistant Professor Ketcham, Department of English.*

*Theory and Practice of Argumentation and Debate.*

*Assistant Professor Percival, Department of English.*

*Political Ballads of the Walpole Regime*, (Oxford Press).

*Professor Evans, Department of German.*

*Beginning German*, (with Assistant Professor Keidel).

*Sarah T. Barrows, Department of German.*

"Experimental Phonetics as an Aid to the Study of Languages." Pedagogical Seminary 1916. Translations of Max Halbe "Jugend," and Poems by Rilke. (Poet Lore).

*Assistant Professor Lewisohn, Department of German.*

*The Modern Drama: An Essay in Interpretation and The Spirit of Modern German Literature* (In Press); Translation of *The Dramatic Works of Gerhart Hauptmann, Youth*, (In collaboration with Prof. S. T. Barrows), *The Mothers*, and *Three Plays by Hofmannsthal*, (in the Drama League Series); Poems in the *Forum*, *The Smart Set*, *The International*, *The New York Evening Post*, etc.

*Assistant Professor Keidel, Department of German.*

Two articles on pedagogical subjects—*The Monatshefte*, One article in the *Preussische Jahrbacher*, "Die Fluctet"—a drama in one act, and Poems contributed to German periodicals.

*Professor Bruce, Department of Romance Languages and Literature.*

Introductory essay and selections from the stories of Anatole France.



*Assistant Professor Peirce, Department of Romance Languages and Literatures.*  
Poems in Yale Review and other standard magazines.

*Professor Ingraham, Department of Romance Languages and Literatures.*

### SPANISH GRAMMAR

*Professors of the Department of European and American History edit The Ohio History Teachers' Journal, organ of the Ohio History Teachers' Association, publishing 1,000 copies quarterly. Two numbers have been issued.*

### PUBLIC SERVICE

The public activities of members of the faculty are too numerous to chronicle in detail. Three courses of special lectures before departments have been maintained, more than 150 lectures and public addresses have been made by various members of the teaching force, and many are active in civic, economic, sociological, educational, and religious organizations, in the state.

### COLLEGE POLICY

*Relations with other Colleges of the University.* As the original college from which all others have been differentiated and finally separated, the College of Arts, Philosophy, and Science, must be willing to make constant adjustments with the newer colleges, whose aims are technical and professional, without sacrificing in the least its own leading purpose of promoting a liberal education for those who desire it. The College of Arts, Philosophy and Science must serve those students who are making a direct preparation for the professional schools; it must also maintain as its chief function the broad unhurried cultural education that prepares for life. In order that this function may not be limited by mere pedagogical machinery to the injury of the individual student, (1) the side doors between the colleges that begin with graduation from the high school course, must be kept open, and transfers of students between such colleges must be easy, (2) the elective opportunities for upper-classmen in all of these colleges must be reasonably liberal in each of the others. The so-called twenty-hour rule which permits five hours of free elective work during each of the last four semesters of residence, regardless of college, has satisfied most students and has obviated many of the evils of over-organization and strict administration. The only amendment that seems necessary is to make the permitted elective in any one semester six instead of five hours, since most of the upper class courses are three-hour courses. This does not imply an increase of the total of twenty hours which seems to be sufficient for all ordinary cases. The fact that much work including free elective is now offered in the summer session makes a liberal interpretation of the twenty-hour rule necessary.

*Relations with other colleges of the State.* This College is committed to the principle that its degree cannot be conferred upon students from other institutions unless such students register for full work during one year of residence in the College of Arts, Philosophy, and Science of this university. The principle would seem to need no defense and is simple enough. Yet ap-



parently it is not understood by some students who enter our College of Medicine with deficiencies in their preparation. Such students failing to fulfil completely their preliminary requirements at their home institutions and making up the deficiency here find themselves unable to claim our science degree without a full year of study here. It cannot be made too clear to such students that their remedy lies with the home college and not with us. Nor should there be any doubt about the 'good scholarship' requirement which is interpreted to mean an average of A in all preliminary studies as well as in the studies of the first two years in Medicine.

*Relations with Secondary Schools.* The reorganization of secondary education in this country has made it possible for many high schools to afford an opportunity to their students to complete in the high school the studies of the college freshman year by remaining in high school an additional year after graduation. The number of high schools that offer this opportunity is sure to increase. From the point of view of the overcrowded universities this movement is welcomed. There is no danger however that needs to be pointed out before the movement has gone far. It is this—If the work of the extra high school year is to be done in existing classes and under the same conditions as the work of the other four-years, it will not be the equivalent in educational value of the first college year. In the languages, sciences, and history, for extra high school work, for which advanced standing is now often claimed and granted, the university grants advanced standing only on examination of the student and only at the rate of one half year of college credit for one year of high school work. The Junior College courses in high school will have to be separately organized and conducted by college methods and at college speed under teachers exclusively assigned to such work before the colleges can afford to accept them at full college credit. From this point of view the chief advantages of the municipal college or university which is appearing coincidentally with the upward development of the high school is that it is separately organized, with its own teachers and courses, on the full college basis.

#### ADDITIONAL INSTRUCTION NEEDED

In spite of the fact that additions to the teaching force have been made in growing departments during the last few years up to the financial ability of the university, the increase of enrollment has overtaken the provision made and at the present time additional instructors are imperatively needed in English, Spanish, American History, European History, Philosophy and Geology. In English the increase in enrollment over 1914-15 was 405, the total enrollment being 2521 (of which 267 were in Public Speaking which has doubled its enrollment in the last two years). In Spanish the increase was 350 and in other Romance Languages 75, the total enrollment being 1270 for the department and 515 or Spanish alone. In American History the increase was 308, the total enrollment being 843. In European History the increase was 164, the total enrollment being 753. In Philosophy the increase was 92,



the total being 436. In Geology owing partly to changes in the curriculum of Agriculture, three additional sections in General Geology must be provided; this means an additional instructor. In Greek an additional instructor is needed in order that the Professor of Greek may devote more attention to graduate courses which he is especially fitted to give. Despite the fact that the classes are small, nineteen hours a week must be offered and this is too much for one professor unassisted in any way.

In order to develop men for legislative research and draftsmanship and budget construction in the department of Political Science, a professorship in that line of study should be provided by the next legislature. Such a man should be an investigator of other legislative problems and should be able to increase the value of the department to the state in suggesting civic and municipal legislation in the light of experience. Professor Coker has been active for several years in the League of Ohio Municipalities, a body which acts as a clearing-house of information between cities as to their municipal problems, and as center for the dissemination of sound ideas and proper legislation. The State should be able by close connection with research at the University to utilize research in these lines.

A similar professorship should be provided in cooperation with the Ohio Archaeological and Historical Society, acting as Director of Research for the Society, collecting and editing source material in Ohio history, and giving instruction in Ohio and Northwest history. The employment of such a professor would involve an arrangement between the University and the Society, which I understand could readily be made.

I believe that the time has come for the establishment of a professorship of Music in the University and I renew my recommendation that this step be taken in the near future.

There is a growing demand for instruction in the history literature and institutions of South American countries and of Russia, China, Japan and India. The demand arises not only from the commercial and banking interests of this country, but also from such bodies as the Pan-American Scientific Congress, and the Associations of Political Science, Economics, and International Law and Diplomacy. Moreover, on the part of all well-educated Americans there has been of late a marked growth of interest in the countries named, and the purposes of general education would therefore be subserved by providing the expert instruction asked for in these directions.

The Assistant Professor of English, in charge of Public Speaking, is very desirous of organizing that work as a separate department. I agree that this should be done as soon as additional funds for expansion of these courses shall be provided. In some universities Public Speaking is not only a separate department but a separate college.

Respectfully submitted,

J. V. DENNEY,  
*Dean.*

## REPORT OF THE DEAN OF THE COLLEGE OF DENTISTRY

The year 1915-1916 has been one of steady progress in the College of Dentistry in an attempt to correlate our various didactic and laboratory classes with clinical practical work. It is of interest to note that all work done in the College Clinic is done by the student, carefully supervised by the instructor. In the past the different types of dental procedure were taken care of by any teacher or demonstrator who might be passing by the student at his work. This past year we have tried to break away from this more or less unsatisfactory method of instruction by having the student make appointments with their patients at those hours attended by such instructors as would be teaching in the class room the special work such patients might require. For instance I note Dr. Graham has observed and instructed in Oral Hygiene or Prophylaxis, 282 cases among the Seniors and 518 among the Juniors, making 800 cases or patients, whose mouths have been treated and cleansed under his direct supervision. This will average nine such types of work with each senior, and twelve with each Junior. In another instance I note that Dr. Synder has given several hundred individual cases of supervision in Exodontia or extracting. And the same condition prevails in the other lines of work. These results show an improved workmanship on the part of the student body. I have met with a little opposition to this method of having the class room teacher follow up his instruction into the clinic, but can say that the faculty now is of the unanimous opinion that the teacher renders more value in giving a definite amount of clinical instruction each week, than he would by allowing assistants to entirely carry out his ideas. The fundamental scientific subjects have shown considerable improvement. This is especially so in Pathology under the instruction of Professor Scott and his assistant, Dr. Bottenhorn. Also in Chemistry Professor Evans has done much to improve the conditions of the past, so that the results in this Department are showing improvement. We have felt greatly the need of a better method of X-Ray work, but the new plans for the College of Medicine for next year may improve the conditions now prevailing. If not, a miniature X-Ray machine might be installed in the clinic room to great advantage. Our work in Oral Surgery, aside from the class room, is too small to attract attention, but we have plans which we hope will finally bring this Department into proper perspective; the sympathy and support of the medical profession, however, must be manifested to do this.

Last fall we sent two old operating chairs not in use out to the Children's Home near Shepards, and every Friday afternoon Dr. Snyder has had under his supervision four Juniors in turn at work on these children. This we have done without charge. The Home Trustees buying the materials used. Three hundred children have in this way been cared for by our students. It gives



these students an experience on the sociological side of life which, I am sure, will be worth while.

During the year 1914-15 we treated approximately 2,100 patients. This year we have taken care of over 2,500, and our clinical financial results have advanced from the year 1914-15 from \$6,575.00 to over \$6,800.00 this year. After June 30th we shall have a comfortable balance of a sum between \$1,200.00 and \$1,500.00, in spite of the fact that several thousand was spent in much needed improvements last summer.

The kinds of work done by the students upon patients are approximately as follows:

Gold fillings .....	660
Gold inlays .....	325
Amalgam fillings .....	1800
Enamel and porcelain .....	320
Crowns .....	350
Bridges .....	175
Plates .....	420
Prophylaxis only .....	800
Treatments .....	1200
Extractions .....	1200
Anesthetics .....	125
Prophylaxis with other work .....	800

There were enrolled in the College thirty-four seniors, forty-six juniors and eighty-two freshmen. One junior failed at the end of the first semester; four freshmen withdrew of their own accord, and six have failed. Eight freshmen are on probation for next year, and three juniors.

The faculty remained intact throughout the year with the exception of Professor Alden Bush, who for private reasons withdrew at the end of the first semester. One teacher was for this reason added to our force in the person of Dr. Earl G. Jones; to take over the work of Orthodontia, being part of the work occupying Dr. Bush's attention. The rest of Dr. Bush's work, namely, Crown and Bridge, has been carried by Drs. Wiltberger and Starr. We shall add one new demonstrator for next year in the Operative Dentistry Department.

Members of our Faculty have been quite active the past year in National, State, District and City Society work with papers and clinics. More than forty such events were participated in. Dr. Martindale—eight illustrated lectures on Oral Hygiene. Papers and discussions before Ashland County Society, Chillicothe Society, Hocking Valley Society, Columbus Dental Society and Inter-State Anesthetic Society at Louisville. He also attended meetings at Minneapolis, Chicago and Cleveland.

Dr. Cottrell gave papers and clinics at Middleport, Ohio, Zanesville, Ohio, and the Ohio State Dental Society, and attended meetings at Minneapolis and Chicago.

Dr. Hebble read a paper at Minneapolis and gave a clinic in Chicago. He has been appointed Master of Exhibits for the American Institute of Dental Teachers, and is Chairman of their Commission on Operative Procedures.

Dr. Semans has visited eight District Societies with papers on various subjects; and served the past year as President of the American Institute of Dental Teachers.

At our own State meeting last year most of our teaching force appeared in clinical work.

Dr. Snyder visited Bowling Green and Pomeroy, Ohio, giving a lecture at each place. Others of our Faculty have been active also, but the data has not been placed in my hands.

We are working out a plan whereby the inspection clinic of the rubber interests in Akron may be available for us next year. Many thousand mouths a year are inspected there and such work will be instructive to our students provided we can avail ourselves of this opportunity. I hope to have this plan worked out this summer, ready to be submitted to you before the next year opens.

A chapter of the honor fraternity, Omicron Kappa Upsilon, has been established here, sanctioned by the University Faculty. This is a Society quite like the Phi Beta Kappa and Sigma Xi. I trust it will be beneficial in increasing the scholarship of our students.

Next fall will see our change from a three to a four year course. We expect therefore a small freshman class, but shall welcome a small class, as we can better work out our desires for college improvement in its various needs.

Very respectfully,

H. M. SEMANS,

*Dean.*



## REPORT OF THE DEAN OF THE COLLEGE OF EDUCATION

DR. W. O. THOMPSON, *President, The Ohio State University.*

DEAR SIR:—I have the honor to submit my report as Dean of the College of Education for the year ending June 30, 1916.

### ENROLLMENT

The College enrolled 562 students, as compared with 416 during the previous year, a gain of 146, or 35 per cent. The above figures do not include 366 students who were registered in this college for the Summer Session of 1915. During the year there were graduated from the University through this College 94 students, an increase of 25 from 1914-1915, when 69 received degrees. This great increase both in students and in graduates is conclusive evidence that the College is serving the State in a large way in the training of persons for the teaching profession. It is to be expected that this increase will not continue indefinitely at the present rate, but, with normal conditions throughout the country it is not unreasonable to look for a gain in this College of at least a hundred students each year for the next few years, and in order to avoid embarrassment, the plans for the College must be laid with this prospect in view.

### THE WORK OF THE YEAR

The work of the year in the several departments of professional instruction and investigation has been carried on, with much of the usual routine, but at times, and in some departments, the work has been more than ordinarily laborious on account of the large increase in the size of classes which could not be foreseen at the time the biennial budget was arranged two years ago. This growing burden of instruction has been relieved where possible by the provision for additional instructors. Where this was not possible the members of the instructional force have responded loyally in the emergency by adding to their already well-filled schedules of class hours, even at the sacrifice of time which the University had hardly a right to ask of them. This official recognition of the service of the faculty it is a pleasure to give.

The changes in curricula during the year have not been numerous. All of the absolutely necessary modifications, growing out of the school code of 1914, were made during the previous year, and it seemed wisest to make no further radical changes until a little longer experience should clearly point the way. Plans are in progress for a closer correlation of the work of the College with the courses in other colleges of the University, and with some of the other colleges and universities in the State. It is expected that during the coming year some of these plans will be ready for adoption.

ANNUAL REPORT  
PRACTICE TEACHING

In my last annual report attention was called to the new plan that had been put in operation for conducting and supervising the practice teaching of our students. During the year now closing this important work has been further systematized and regulated. It has now passed beyond any experimental stage, and we have demonstrated beyond a doubt both the value and the success of this training. It has justified our belief that carefully supervised teaching in an actual high school class room is not merely a valuable supplement to the knowledge of theories and methods of teaching obtained in university courses in methods, but that it is as essential to the professional education of the teacher, as is laboratory experience to the student of chemistry or hospital experience to the physician or surgeon.

The University is fortunately situated for large undertakings in this part of our work. During the past year the agreement between the University and the Board of Education of Columbus, has been made more definite and satisfactory to both parties, whereby seniors in the College of Education have access to the High Schools of Columbus, under university supervision, for this work. The High School principals and teachers have cooperated heartily, and in several instances during the progress and at the close of the work this year have voluntarily informed the Dean that not only was the teaching well done, but that both the regular teachers and the classes had derived benefits from the work of the supervised student teachers. We have been fortunately able, through you and the Trustees, to add somewhat to our supervisory staff. Still further enlargement of the force will be desirable—indeed necessary—as the work goes on. Before leaving this subject it may be appropriate to add that the call upon the University from school authorities to supply teachers for the coming year from our graduating class has been greater than ever before; in many instances this call has been coupled with the statement that the experience and training which our students have obtained from their supervised teaching entitle our graduates to a preference from the standpoint of the school authorities.

## RESEARCH AND PUBLIC SERVICE

Another important part of the year's history is the activity of members of the instructional force in the field of research in their respective lines, and in their contributions to the advancement of the schools and the teaching profession.

Members of the department of art have made a survey study of art teaching in the schools of Ohio and have prepared for publication by the State Department of Public Instruction a bulletin on that subject which is now in press.

The department of manual training has been called upon by several schools in the State to advise in the recasting of the manual training work in those schools, and to plan or select the necessary equipment. These calls have been responded to and the advice given has been influential in guiding the conclusions reached.



Members of the instructional staff of the department of psychology have made and published during the year twenty-one special studies setting forth results of investigations of new problems in the psychological field. The department has established and maintained under the charge of Assistant Professor Pintner a psychological clinic for the investigation of backward and mentally defective children, with the view of assisting the schools and other public and private institutions to find better methods of teaching and training such children. The number of such children who have been mentally tested in the clinic during the year is 807. In all cases these tests have been made upon request principally of the school or institutional authorities, not simply in Columbus, but from various parts of the State and in some instances from outside the State. Of the value of this work there is no question.

The department of school administration, though no special facilities have yet been provided for the purpose, has during the year made two studies and reports for the State Department of Public Instruction, such as were contemplated by the legislature when two years ago it required the university to establish a department of "efficiency tests and surveys" to cooperate with the state Education department. The field here is wide, but until the state makes financial provision for such a bureau the department of school administration cannot undertake more in any year than has been done in the past year.

In conclusion, I beg to express my sincere appreciation of the President's support, and of the cordial assistance of the faculty of the College in the work of the year.

Very respectfully,

G. W. KNIGHT,  
*Dean.*

## REPORT OF THE ACTING DEAN OF THE COLLEGE OF ENGINEERING

*To the President of The Ohio State University:*

I have the honor to submit the annual report of the College of Engineering for the year ending June 30, 1916. The year has been quite satisfactory and I believe the College to be in a good condition.

### ATTENDANCE

The number of students in attendance during the year is 943, which is an increase of 89 over last year. This is also the largest attendance in the history of the college, the maximum previous to this year being 940, which was the number enrolled during the year 1908-09. While we do not desire to have this number rapidly increased, it is a healthy sign to have a small increase from year to year.

### GRADUATION

The number of students who received diplomas at the last commencement from this college was 110, which is a slight increase over that of a year ago.

### FACULTY

By the resignation of Edward Orton, Jr., our faculty has lost its capable dean and also an inspiring teacher. We are pleased, however, that he is to continue to be one of our faculty in the role of Research Professor. With this exception, our faculty remains practically the same as during last year.

### CHANGES IN CURRICULA

During the year our faculty adopted two curricula, one leading to the degree of Bachelor of Architecture (B. Arch.), and one leading to the degree of Bachelor of Architectural Engineering (B. Arch. E.). The reasons for this action are contained in the following reports from J. N. Bradford:

*Professor E. F. CODDINGTON,*

*Dean of College of Engineering, Ohio State University.*

DEAR SIR:—Following our conversation of July 3rd, the following is presented for your consideration:

For a number of years the Department of Architecture has been conscious of the fact that it should broaden its field of work, and to do so in accordance with the recommendations set forth by the Association of Collegiate Schools of Architecture and the Educational Committee of the American Institute of Architects. These associations stand for all that is best in Architecture.

The practice of architecture covers a broad field, varying from a maximum of aesthetic at one extreme to a maximum of construction at the other and it has grown more and more difficult, if not impossible, to cover all of the ground in one course of four



years. Recognizing this fact the above mentioned associations consider the following suggestions:

- 1st—Extending the length of the course to five years.
- 2nd—Requiring two years of Arts College work for entrance.
- 3rd—Requiring a Bachelor of Arts degree for entrance.
- 4th—Offering a single course with elections in architectural degree or architectural engineering.
- 5th—Offering two separate courses—architecture and architectural engineering.

The last suggestion has the largest following and solves the problem satisfactorily and during 1914 and 1915, the Association of Collegiate Schools of Architecture in conference with the American Institute of Architects adopted a standard minima for a course in architectural engineering.

To meet these requirements and to put us in a position to receive recognition and membership in the association, the Department of Architecture presented to the Engineering Faculty two new courses and recommended the dropping of the present. By action of the Engineering Faculty and the University Faculty, the recommendation was approved and beginning next year the two new courses will be offered which are in accord with the standards set forth by these two associations.

The American Institute of Architects takes a very decided interest in architectural education and officially recognizes only the schools of architecture in the Association of Collegiate Schools of Architecture which offer the following advantages:

- 1st—Graduates of these recognized schools are admitted as members to the Institute without examination.
- 2nd—The Institute offers a medal of proficiency annually to each school of the Association to be given to the most proficient student.
- 3rd—An annual exhibition is presented of the work of each school in the Association, together with the four years' work of the medal student. This exhibition will probably be sent to each of the schools during the year. This will be of great value.

The new courses recommended by the Department of Architecture and adopted by the Faculty will place the Department in a position to receive the recognition of these associations, which will result in great benefit to the Department, the University and especially the graduates from the courses in Architecture.

Respectfully submitted,

(Signed) JOS. N. BRADFORD,  
*Professor of Architecture.*

#### EXCHANGE LECTURESHIP WITH PURDUE UNIVERSITY

During the year an exchange lectureship was arranged with Purdue University which resulted quite satisfactorily to both institutions. Professor F. C. Caldwell represented this institution at Purdue University, delivering a series of lectures on electricity. Professor H. K. Hatt of Purdue University in turn delivered a series of lectures before our students on reinforced concrete.

Our faculty passed a resolution to have this exchange continued and also to arrange such an exchange with other neighboring State institutions.

## ENGINEERING LECTURE COURSE

The following is a part of the report of the Engineering Lecture Course Committee:

LECTURES	Attendance About
Nov. 5, 1915—4:10 P. M., Physics Hall..... "The Work of the Bureau of Standards," Dr. Samuel W. Stratton, Wash- ington, D. C., Director, U. S. Bureau of Standards.	175
Nov. 19, 1915—4:10 P. M., Physics Hall..... "Smoke Prevention," Osborn Monnett, Chicago, Ill., Former Smoke Inspector of City of Chicago.	140
Dec. 9, 1915—7:30 P. M., University Auditorium..... "The Fundamentals of Photography," Dr. C. Kenneth Mees, Rochester, N. Y., Director, Research Division, Eastman Kodak Company.	400
Feb. 18, 1916—4:10 P. M., University Auditorium..... "Motion Study and Its Relation to Scientific Management and Fatigue," Frank B. Gilbreth, Providence, R. I., Consulting Engineer.	800
March 3, 1916—4:10 P. M., University Auditorium..... "Munitions of War," H. A. Toulmin, Jr., Dayton, Ohio, Patent Lawyer.	600
March 31, 1916—4:10 P. M., Chemistry Hall..... "Railroad Building on the Frontier," Willard Beahan, Cleveland, Ohio, En- gineering with New York Central Lines.	150
April 7, 1916—4:10 P. M., Chemistry Hall..... "Welfare Work in the Iron and Steel Industry," Dr. Thomas Darlington, New York City, Welfare Expert of the American Iron and Steel Institute.	140
	2405

## EXPENSES

Nov. 5, 1915—Stratton Lecture Lecture expenses (S. W. Stratton).....	\$ 12.00
Nov. 19, 1915—Monnett Lecture Running lantern (W. R. Alexander).....	1.50
Dec. 9, 1915—Mees Lecture Running lantern (W. R. Alexander).....	1.50
Feb. 18, 1916—Gilbreth Lecture Lecture (nominal expenses) .....	25.00
Printing (No. 49726) Dept. Journalism.....	13.25
Running lantern (W. R. Alexander).....	1.50
Incidentals (Sanborn) .....	1.90
March 3, 1916—Toulmin Lecture Printing (No. 50090) Dept. Journalism.....	9.84
Running lantern (W. R. Alexander).....	1.50
March 31, 1916—Beahan Lecture Printing (No. 50585, Dept. Journalism.....	6.00
Running lantern (W. R. Alexander).....	1.50



April 7, 1916—Darlington Lecture	
Printing .....	8.00
Running lantern .....	1.50
Lecture expenses (Darlington).....	51.71
Incidentals—entertainment (Darlington).....	4.05
April 17, 1916—Hatt Lectures	
Printing .....	6.00
	<hr/>
	\$136.91
Balance .....	63.09
	<hr/>
	\$200.00

## SUMMARY

Paid to lecturers for lectures and expenses.....	\$ 88.71
Lantern operating .....	9.00
Printing and advertising, including \$6.00 (Professor Hatt Lectures).....	33.25
Incidentals .....	5.95
	<hr/>
	\$136.91

Recommended, that the Engineering College continue its Engineering lectures and that a committee be organized for that purpose; that the President be requested to see that there is set aside for this committee the sum of \$200.

(Signed) FRANK E. SANBORN, *Acting Chairman*,  
E. S. MANSON, JR.  
C. ST. J. CHUBB.

The above recommendation was adopted by the Engineering Faculty.

## THE ENGINEERING EXPERIMENT STATION

The Engineering Experiment Station was formally organized during the year by the appointment by the President of the following persons from the engineering faculty to constitute the advisory council:

E. F. Coddington.....	Acting Director
C. E. Sherman.....	for three years
J. R. Withrow.....	for three years
W. T. Magruder.....	for two years
D. J. Demorest.....	for two years
F. C. Caldwell.....	for one year
A. D. Cole.....	for one year

The Engineering Experiment Station received from the Equipment Fund the sum of one thousand dollars (\$1,000). This has been distributed by the advisory council among those departments that had specific investigations under way or in mind and that needed additional equipment to prosecute these investigations. Each department applying for a part of this fund was invited to appear before the council and there given an opportunity to describe the problem which it had in mind and to give an estimate of the cost of the equipment needed to carry on the investigation.

It is soon to give results from the distribution of this one thousand dollars, but we feel certain that it has all been judiciously spent. On behalf of the advisory council, I take this opportunity to thank the President and the Board of Trustees for the appropriation of one thousand dollars to be expended in a similar manner during the year ending June 30, 1917.

At a recent meeting of the advisory council the following resolution was passed:

That, the President and The Board of Trustees be asked to secure, if possible, an appropriation of twenty-five thousand dollars (\$25,000) for the next biennium, for the use of the Engineering Experiment Station, ten thousand dollars (\$10,000) of which to be available during the first year and fifteen thousand dollars (\$15,000) during the second year.

#### THE NEEDS FOR THE FUTURE

The most urgent needs of the College of Engineering are additions to be made to the Chemistry Building and Brown Hall. The congested condition in each of these buildings has become almost intolerable.

Respectfully submitted,

E. F. CODDINGTON,  
*Acting Dean.*



## REPORT OF THE DEAN OF THE COLLEGE OF HOMEOPATHIC MEDICINE

*Dear Mr. President:*

I beg leave to submit the following report of the College of Homeopathic Medicine for the year closing June 30, 1916.

The work of the year, as with our first year, has continued in the line of organization. The task of building up a college and hospital in an entirely new field is proving a big one. The records of our students and the increase in our hospital service to nearly three times that of the first year makes us feel that some progress is being made.

The college has profited by the addition to the clinical teaching force of Doctor Roy C. Wolcott as Professor of Internal Medicine. Doctor Grosvenor has thus been free to care for the increasing work in the Department of Clinical Diagnosis and X-Ray. The constantly increasing clinic of the University Hospital has provided splendid experience for our Senior class.

In all of the clinical branches much teaching equipment has been added in the way of charts, models and equipment for the laboratories. Through the generosity of Mr. C. F. Kettering and Mr. E. A. Deeds of Dayton, \$2,500.00 has been given to the college for the purpose of research work in Homeopathy. This splendid gift together with the budget provided by the University has made possible the equipment of our Materia Medica laboratory for unexcelled work in this most important department of the college. It has made possible the development of a field which has attracted wide attention in the Homeopathic College world. Dr. A. E. Hinsdale in charge of the laboratory has been called during the year to visit all of the Homeopathic Colleges of the United States and set forth his plan of laboratory teaching. The department of Materia Medica had an exhibit at the meeting of the American Institute of Homeopathy at Baltimore, which was of great value to the college.

The Clinical Laboratory in charge of Dr. F. B. Grosvenor has received much added equipment during the year. In this laboratory all of the work in anatomy, histology, physiology, physiological chemistry, bacteriology and pathology is put to the practical test and hence is the foundation for clinical diagnosis, and finally the treatment of the patient. The X-Ray laboratory also in this department, has been of service to the college as a teaching asset. Case's Stero-Retgenograph Set has been secured and is a valuable aid to the work.

The Department of Internal Medicine, already referred to, in charge of Dr. Wolcott, has had a good year. Dr. Wolcott has associated with him Dr. W. B. Carpenter in diseases of the nervous system, and Dr. R. O. Keiser in diseases of children. The clinics are so arranged as to make the best possible use of the clinical material. The number of cases is constantly increasing and already supplies abundant material for the size of our classes.

Some question had been raised as to our ability to secure cases for our obstetrical clinic. Dr. Humphrey has been able to secure nearly double the number of cases this year over our first year. Valuable charts have been added to this department which have greatly increased the value of the classroom work. With the more adequate and valuable quarters planned for the coming year, this clinic should provide material for an unexcelled course in obstetrics. The gynecological clinic, also in charge of Dr. Humphrey, has supplied a good variety of cases and given the outgoing Senior class an excellent opportunity in this field.

The Department of Eye, Ear, Nose and Throat, under Dr. J. A. Ferree, has had a most satisfactory year. In the didactic work valuable models have been supplied and a full set of Oatman's Stereograms have been secured. These additions have been of great service in this department. The clinic has greatly increased and is the largest out-patient clinic in the Hospital. Students have exceptional advantages to gain clinical experience in this field.

The Department of Surgery has been improved by the addition of teaching models and charts. The clinic has been more than double that of the first year. There has been a wide range of clinical material including many accident cases such as burns, fractures, dislocations, lacerations and bruises.

We are glad to report that all of our graduates passed the Ohio State Board examinations recently held in the city.

Our student body was smaller this year than last owing to the large Senior class graduating in 1915.

The Freshman class of eleven students was satisfactory considering the increase in the requirements. Of the eleven students, five offered two or more years of college work for entrance. The other six meeting the one year of college work requirement.

In 1916-17, two years or sixty hours of college work in addition to graduation from High School is to be the minimum of entrance requirement. Of this amount, eight hours of chemistry, eight hours of physics (or four semester hours if one unit of physics has been certified on the certificate of the secondary school), and eight hours of biology are required.

The completion of our new hospital building for the coming school year marks the real advent of the College of Homeopathic Medicine at Ohio State University. The two years past have been preliminary preparatory years. With the new hospital designed to meet our clinical teaching needs, and with clinical material already tried in our present little building, the faculty and students will be inspired to do better and more work than in the past.

Our present old building must serve two purposes the coming year. The second floor can be easily arranged to meet the increasing need for more and better room for the obstetrical clinic. This clinic will attract more cases when there can be a degree of privacy made possible by more rooms.

The first floor of the present hospital building must be used for housing the increasing number of nurses and female help needed in our new building.

The present nurses' home has been very badly crowded the past year. It



has been necessary to have three nurses in every room, including the very small rooms on the third floor. The graduate nurses have also been required to share this crowded condition. The removal of the kitchen and dining room service to the new building will help relieve this congestion.

The work of the college office has been greatly improved the past year by dividing the large room into small offices suited to the members of the faculty. The work of the office has been thoroughly systematized. Much work has been necessary in cataloging our alumni.

The Polycrest, our quarterly publication, has passed through its first year and has fully justified its place in the college. Through its pages members of the faculty and alumni and friends of the college have opportunity to make contributions to the medical literature, research material and publication of unusual and interesting medical and surgical cases.

All members of the faculty have contributed papers to the various medical societies of Ohio and national societies during the past year. Among those presented, Dr. J. A. Ferree, in conjunction with Professor Sheard, reported their findings with reference to researches in connection with "Dr. George's Theory of Oscillation of the Eye Ball" before the American Ophthalmological Otological and Laryngological Society. Dr. A. E. Hinsdale reported on "Drug Pathological Studies" before the American Institute of Homeopathy and was chairman of the Bureau of Materia Medica; also papers before the Kentucky, Indiana and Ohio State meetings and the Southern Homeopathic Association. Dr. R. C. Wolcott presented papers before the Ohio State Homeopathic Society, the Cleveland Medical Society and the American Institute of Homeopathy, and was also secretary of the Bureau of Materia Medica. Dr. W. A. Humphrey read papers before the Southern Homeopathic Association, the Southeastern Ohio Society and the Northwestern Homeopathic Society. Dr. F. B. Grosvenor read a paper on "Medicine and Matter" before the Ohio Homeopathic Society. Dr. C. A. Burrett represented the College on the programs of the Kentucky, Indiana, Illinois and Ohio State Societies, the Pittsburg Medical Club, the Southern Homeopathic Association and the American Institute of Homeopathy.

#### UNIVERSITY HOMEOPATHIC HOSPITAL

The Hospital has passed through its second year entirely justifying its existence as a clinical teaching laboratory. No one appreciates how inadequate the building has been for hospital purposes more than the staff and nurses. The best use possible has been made of the room we have had with which to work. One of the best evidences of the character of the service is the very low death rate of two per cent for all in-patients.

The hospital has continued its wide service to the State as shown by the eighty-five counties represented with out-patients and fifty-six counties giving cases as in-patients. This means that the clinic is serving every part of the State and that the college is becoming a part of the whole State.

With the opening of the new hospital building not only will the college be able to do better work for the students, but a large and better service can be rendered to the State.

The following is a summary of the hospital figures as compared with last year:

Total hospital days of In-patients by months:

1914-1915		1915-1916	
July .....		July .....	443
August .....		August .....	433
September .....		September .....	554
October .....	44*	October .....	652
November .....	136	November .....	647
December .....	195	December .....	561
January .....	322	January .....	590
February .....	404	February .....	718
March .....	427	March .....	605
April .....	507	April .....	666
May .....	441	May .....	585
June .....	463	June .....	520
Total .....	2939	Total .....	6874

CHARITY PATIENTS

1914-1915 .....	36
1915-1916 .....	89
Total .....	125

OHIO STATE UNIVERSITY STUDENT PATIENTS

1914-1915—In-patients .....	53	Out-patients .....	270
1915-1916—In-patients .....	83	Out-patients .....	736
Total In-patients .....	136	Out-patients .....	1006
			1142

REPRESENTATION BY COUNTIES

1914-1915—In-patients .....	25	Out-patients .....	60
1915-1916—In-patients .....	56	Out-patients .....	85

REPRESENTATION BY OTHER STATES AND COUNTRIES

1915-1916—States .....	18	Countries .....	8
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TOTAL NUMBER OF PATIENTS

1914-1915—In-patients .....	209	1915-1916—In-patients .....	458	664
1914-1915—Out-patients .....	703	1915-1916—Out-patients .....	1585	2288
1914-1915 .....	912	1915-1916 .....	2043	2955

CASH RECEIVED

1914-1915 .....	\$2,309.96
1915-1916 .....	6,796.46
Total .....	\$9,106.42

Respectfully submitted,

CLAUDE A. BURRETT,

Dean.

\*Hospital opened October 19, 1914.



REPORT OF THE DEAN OF THE  
COLLEGE OF LAW

*Mr. President:*

I submit the following report of the College of Law for the past year:

I. During the year 1915-16, for the first time, the Law Faculty has been composed entirely of men devoting all their time to the work of the college.

II. In September, 1915, the rule requiring one year of college work for certificate men went into effect. This has resulted in a reduction in the registration from 212 to 170. Otherwise the result has been satisfactory.

III. In September, 1917, two years of college work will be required for admission of all but special students, and no certificates will be granted after June, 1919.

IV. The Law Library now contains about 18,000 volumes. The preservation of this library and its efficient use requires a separate librarian.

V. Professor George W. Rightmire has been granted a well earned leave of absence for the year 1916-17, and will devote his time to work in his special line, "Public Service Companies" and "Inter-State Commerce."

In this connection I wish to state that Professors William Herbert Page and William B. Cockley spent their leaves of absence in post graduate work at the Harvard Law School, and received the degree of S. J. D.

VI. In the class graduating this year two (2) received the degree of J. D. Twenty-two (22) received the degree of LL. B. Seventeen (17) received certificates in law, and one special student completed the course very creditably. Thirteen of the class had the B. A. degree.

The college has just completed its twenty-fifth year. There has been a steady growth along all wholesome lines.

Respectfully submitted,

JOHN J. ADAMS,  
*Dean.*

## REPORT OF THE DEAN OF THE GRADUATE SCHOOL

*To the President of the Ohio State University:*

MY DEAR SIR:—As Dean of the Graduate School, I have the honor to submit the following report for the academic year ending June 30, 1916:

### THE SESSION OF 1915-16

The total number of students registered in the Graduate School during the scholastic year 1915-16 was 356. Of this number 111 were registered in the Summer Session only.

The distribution of the students registered in the Graduate School according to the departments in which the major and minor were taken, is as follows:

<i>Depts. of Instruction</i>	<i>Major</i>	<i>Minor</i>	<i>Depts. of Instruction</i>	<i>Major</i>	<i>Minor</i>
Agr. Chemistry .....	14	16	Home Economics .....	1	0
Agr. Engineering .....	0	1	Horticulture .....	1	3
Agronomy .....	14	4	Journalism .....	0	1
American History .....	10	8	Latin .....	12	6
Anatomy .....	3	5	Mathematics .....	9	20
Animal Husbandry .....	5	1	Mechanical Engineering .....	0	4
Astronomy .....	0	3	Metallurgy and Mineralogy....	1	9
Bacteriology .....	9	24	Mine Engineering .....	1	0
Botany .....	14	18	Philosophy .....	7	19
Chemistry .....	44	33	Physics .....	9	13
Dairying .....	1	2	Physiology .....	0	2
Economics and Sociology.....	24	24	Political Science .....	4	15
Electrical Engineering .....	6	0	Principles and Prac. of Edu....	0	4
English .....	51	28	Psychology .....	14	24
European History .....	6	17	Public Health .....	3	2
Geology .....	3	5	Romance Languages .....	13	14
German .....	18	9	Rural Economics .....	2	8
Greek .....	0	3	School Administration .....	22	21
Hist. and Phil. of Edu.....	6	26	Zoology and Entomology.....	17	18

The following table gives the distribution of the graduate students according to the colleges from which they received their academic degrees:

Adelbert College .....	2	Buchtel College .....	2
Allegheny College .....	2	Butler College .....	1
American University .....	1	Capital University .....	2
Antioch College .....	6	Central Normal College, China.....	1
Amherst College .....	1	Columbia University .....	2
Baldwin University .....	1	Cornell University .....	2
Belmont College .....	1	Dalhousie University .....	1
Belvit College .....	1	Dartmouth College .....	1
Berea College .....	1	Defiance College .....	2
Bowdoin University .....	1	Denison University .....	7
Bremen Real Gymnasium.....	1	Haverford College .....	1



Heidelberg University .....	5	Ohio Wesleyan University .....	18
Hiram College .....	3	Otterbein University .....	13
Hood College .....	1	Pennsylvania State College .....	1
Hope College .....	1	Purdue University .....	4
Kansas State Agr. College .....	2	Rio Grande College .....	1
Kentucky, State Univ. of .....	2	Rose Polytechnic Inst. ....	1
Knox College .....	1	Smith College .....	1
Lake Erie College .....	1	Thiel College .....	1
Lebanon Valley College .....	1	University of Cape of Good Hope .....	2
McKendree College .....	2	University of Chicago .....	2
Manhattan College .....	1	University of Illinois .....	3
Marietta College .....	1	University of Nebraska .....	1
Maryland Agr. College .....	1	University of Maine .....	1
Meadville Theol. School .....	1	University of Missouri .....	2
Miami University .....	11	University of W. Va. ....	2
Milton College .....	1	University of Wisconsin .....	3
Mt. Holyoke College .....	2	Vassar College .....	1
Mt. Union College .....	4	Wabash College .....	1
Muskingum College .....	7	Washington University .....	1
Nanyang University, China .....	4	Western College for Women .....	2
Northwestern College .....	1	Western Reserve University .....	1
Oberlin College .....	3	W. Va. Wesleyan College .....	1
Ohio Northern University .....	5	Wilmington College .....	1
Ohio State University .....	164	Wittenberg College .....	7
Ohio University .....	13	Wooster College .....	7

The number of degrees granted since the Graduate School was established in 1911 is shown in the following table:

Degrees granted:	1912	1913	1914	1915	1916	Totals
Doctor of Philosophy .....	5	1	2	1	3	12
Master of Arts .....	39	48	42	59	70	258
Master of Science .....	8	9	10	15	25	67
	52	58	54	75	98	337

## GRADUATE WORK AT

## OHIO UNIVERSITY, MIAMI UNIVERSITY, AND THE EXPERIMENT STATION

The regulations adopted by the Boards of Trustees of the three state supported universities concerning graduate work have been in operation for the past year. The experience of the year indicates that the agreement is satisfactory under the existing conditions. Four assistants at Ohio University and two at Miami University have been registered as candidates for the degree of Master of Arts, and one of these, Mr. Loring Hall, assistant in the department of Latin at Ohio University, completed the course outlined and received his degree in June. The course of study was under the direct supervision of Professor Evans of Ohio University and was approved by Professor Derby of our own University. The final examination was conducted at Ohio University by a committee of which Professor Derby was a member.

Three candidates for the degree of Master of Science have been in residence at the Experiment Station during the year and one of these, Mr. Frank A. Welton, received his degree in June.

## SCHOLARSHIPS AND FELLOWSHIPS

The establishment of a system of scholarships and fellowships made possible by the appropriation of \$10,000 marks a distinct forward step in the development of the Graduate School. Last year there were elected twenty-seven scholars and six fellows. The success of such a system must depend primarily upon the wise selection of candidates. It is always true that there will be a number of applicants from the list of those who enjoy college life and wish to prolong it without any definite aim other than to continue their college experiences. It is scarcely necessary to state that such students should never be encouraged to continue their graduate work. Again, the list of applicants will always include some who, if elected, will accept the position with a mental reservation that they are free to resign at any time during the year. Such students, of course, do not recognize the real significance of a scholarship or fellowship. The Graduate Council has made it a rule to recommend no one for appointment until it was satisfied not only that the candidate had the training and ability to profit from the opportunities offered, but that he thoroughly understood the objects the University had in mind in founding the positions. That the Council has been fairly successful in this regard is shown by the fact that during the year there were, after the opening of the session, but two resignations and one of these was due to serious illness.

Scholarships and fellowships not only open opportunities to deserving students, but they have an indirect bearing upon the character of the work of the Graduate School. The presence of a group of brilliant scholars in the University inevitably raises the character of the work of the entire group of students. Enthusiasm and recognition of high standards in the class room are contagious. Pace-makers may be of service in our Graduate Schools just as they sometimes have been found to be in industrial concerns.

## RESEARCH PROFESSORS

Among the regulations adopted by the Board of Trustees during the year is one of the greatest importance to the Graduate School. I refer to the establishment of research professorships. The Graduate School and research work go hand in hand and any movement which tends to encourage the latter will have a direct bearing upon the development of the former. The establishment of these new professorships has been received with great satisfaction by the members of the instructional force. In general it has been taken for granted that the appointment of research professors will exert not only a direct, but also an indirect influence in increasing the scholarly work of the University. Nevertheless, it must be kept in mind that some of the leading educators of the country are opposed to the system. Moreover, it is certainly true that but few universities have adopted such a plan. So far as I have been able to discover there are only one or two in which research professorships are maintained and in these the number of such positions is very limited. In view of these facts it may be worth our while to examine the criticisms



offered to the system and to see if they obtain when applied to the plan proposed in our own University.

In the first place there is a general feeling among university instructors that it is unwise for any member of the staff to withdraw himself entirely from contact with the student body. By so doing he will curtail in many cases his own productiveness since he will accomplish much more by directing a number of research students than by working alone. It is pointed out that many of our greatest scientists are men whose time is given entirely to directing research while the details of the problems are carried out by the students who count it as the greatest privilege to work under the direction of such masters. As I understand the plan proposed by the Board of Trustees, however, it is not the expectation that our research professors will cease to give instructions, but that such instructions will be confined to research students.

The most potent criticism that has been offered to the system of research professors is well stated by President Hill in a recent communication. He states that he is opposed to any such distinction as the title of 'research professor.' "I want every man of professorial rank to understand that he must consider investigation essential to the most effective teaching in the long run. The spirit of inquiry is to my mind the very essence of good teaching and anything in university administration or nomenclature that tends to place the responsibility for investigation upon a few can hardly be compensated for by the special stimulus that may come from the distinction of those few with a special title."

We will all agree, I am sure, with President Hill in the belief that no university can develop rightfully under a scheme which proposes to select a few men who will do all the research work of the university. It is imperative that every member of the university faculties should be imbued with the spirit of investigation and it is one of the great problems of the Board of Trustees to see that each member of the faculties has some time for the cultivation of this spirit. If the adoption of the system of research professorships in the university should result in discouraging other members of the staff from scholarly production or should even lead to the belief that other members were not expected to engage in productive scholarship, then the system should be abolished forthwith. However, I am convinced that no such results will follow from the scheme as proposed by the Board of Trustees; indeed, I expect that the system will act as a great incentive to others and will greatly increase the output of research work in the University.

#### THE ESTABLISHMENT OF A SERIES OF UNIVERSITY STUDIES

During the year the Graduate Council has had under consideration the advisability of recommending to the President of the University that provisions be made for the establishment of a series of University Studies. A committee of which Professor M. B. Hammond was chairman, made an extended study of this question with the result that the Council at its meeting held May 31, 1916, adopted the following motions:

1. That this Council, through a committee appointed by the Dean, of which he shall be ex officio chairman, urge the President of the University to provide the necessary funds for the immediate establishment of a series of University Studies of a literary and scientific character.

2. That the supervision of the editorial staff of such Studies be in the hands of the Graduate Council.

While the details of the plan have been discussed somewhat at length it was not thought wise to formulate these unless the President approved of the fundamental idea.

It would be the object of such a series to print from time to time the results of the scholarly activities of the members of the instructional force, including perhaps the results of such investigations of graduate students as might be deemed appropriate and worthy. The importance of such a scheme in the development of graduate work is self-evident. Dean Leuschner in a recent address before a meeting of the Association of American Universities, made the following statement: "There can be no question that adequate provision on the part of the university for publication of the research work of faculty and graduate students is one of the best incentives toward the maintenance of a high standard, and therefore, the publications budget of the university should include ample provision for printing the results of research work."

Now it is true that at present the regulations of the university provide for a Publication Board to which shall be entrusted the entire supervision of the issuance of the catalogues, bulletins, and similar announcements. This Board has also authority "to issue publications comprising the results of researches in any of the various fields of scholarship or pure and applied science made by the teaching force or students or alumni of the University." As a matter of fact, however, the extent to which the Board of Publications has published such studies in the past is almost negligible. This is no criticism on the Board for it is not as a body primarily interested in such studies. To make such a scheme a success it is necessary that the supervision of the work should be placed in the hands of a group of men, preferably the Graduate Council, whose main interest lies in the development of scholarly activities of the University. The Graduate Council more than any other body would be interested in securing such publications for it will not do for us to simply wait until some member of the instructional force comes to us and pleads for the publication of his researches. We must know what work is being done on the campus that is worthy of publication and must offer our assistance in securing publication. Moreover, the Graduate Council more than any other body would be fitted to judge of the appropriateness of material for publication and would select only such as would redound to the reputation of the University.

I have every reason to believe that members of the instructional force of a number of Ohio Colleges would welcome the establishment of such a series of University Studies and would contribute to it from time to time.



Some members of the faculties of the University, at first thought, will probably be opposed to the general plan of establishing a series of University Studies on the ground that all articles worthy of publication should find place in the reputable national journals. With this view, so far as it is a statement of the truth, I have much sympathy. I believe that whenever possible, publication should be made in reputable journals. In all such cases, however, the University should secure a number of reprints and these reprints should be bound together and issued from time to time as volumes in the general system of University Studies. In many cases, however, the extent of the investigations is such that the results will not be accepted for publication by our best journals because of lack of space. In all such cases, the authors must secure publication in the form of a monograph. The publication of such monographs would come directly within the scope of the scheme proposed by the Graduate Council.

Finally, I may add that our University is practically the only one in the country that has not yet established a series of Studies. Other universities as a rule have long since recognized the very great value of printing the best products of the university's scholarly activities and we cannot afford to have our own University a laggard in this respect.

#### INFLUENCE OF THE GRADUATE SCHOOL UPON THE WORK OF THE COLLEGES

I had occasion in a former report to call attention to the beneficent influence that the Graduate School exercises upon the work of the different colleges. I believe this question is one of the greatest importance for too many still look upon the Graduate School as a sort of an arch enemy of all undergraduate work. The instructor is supposed to become so entirely absorbed in directing the work of the graduate students that the undergraduate is entirely neglected and must shift for himself. No doubt that there are individual cases in which this condition prevails. I am sure, however, that an unbiased study of the whole situation will reveal the fact that the Graduate School gives life and spirit to all the work of the University. As bearing upon this subject Provost Carpenter of Columbia University, in a recent paper on "The Function of the Graduate Schools in the Universities of the United States" makes the following statements: "The function of the Graduate School, furthermore, throughout the University is to enliven the spirit of instruction, to keep it fresh and growing and to prevent the inroads of the moth and rust that are bound, if let alone, to affect the treasures of learning as well as the more material treasures of earth." "The Graduate School still further, is a vivifying force, not alone to the University of which it is a part, but also to the whole system of Education upon which it is based." The following statement taken from the Annual Report of President Butler, issued November, 1915, also bears upon this question: "So long as the spirit of research dominates the University and is its major interest, just so long will its teaching be kept fully alive and just so long will its public service be real and vitalizing. To organize and to stimulate research, therefore, is the Uni-

versity's chief business. The effect of a sound and well considered policy in this regard will be felt in every part of the University's activities, however remote that part may at first sight appear to be from this central point." Finally, Dr. John M. Coulter, in a recent address, has the following to say: "We are equipped to teach through investigation, at least in an atmosphere of investigation and anything that vitiates this atmosphere impairs our teaching function as well."

#### PRODUCTIVE SCHOLARSHIP IN THE UNIVERSITY

Although the Graduate School has been in existence only five years, nevertheless, there is no doubt but that it has had a remarkable influence in increasing the output of productive scholarship in the University. Near the close of the academic year I sent to each department the higher work of the department during the academic year in the hope that I might be able to incorporate a resume of this work in my report as Dean of the Graduate School. I found, however, that any such review that would be fair at all to the members of the instructional force would lengthen my report beyond all appropriate bounds. In lieu of such a resume, therefore, I am submitting these departmental reports directly to you for such consideration as you may care to give them. I am sure that their careful study will reveal the fact that the University's output of productive scholarship is at least commendable. In many cases the spirit of research work permeates the whole department and each member of the department staff is actively engaged in some line of research work. In the department of Psychology for example, no less than twenty-one papers have been published or accepted for publication in reputable scientific journals during the year.

In conclusion, I wish to express my very keen appreciation to the members of the Graduate Council as well as to yourself and to all those who by kindly assistance and counsel and sympathy are helping to build up the graduate work of the University.

WM. MCPHERSON.



FINANCIAL REPORT  
OF THE  
OHIO STATE UNIVERSITY

For the Year ended June 30, 1916

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SCHEDULES A TO P

(41)

OFFICE OF THE BOARD OF TRUSTEES  
THE OHIO STATE UNIVERSITY

COLUMBUS, OHIO, August 1, 1916

*Honorable FRANK B. WILLIS, Governor of the State of Ohio:*

SIR:—I have the honor to transmit herewith the forty-sixth annual report of the Board of Trustees of The Ohio State University.

The report contains a summarized statement of income and of classified expenditures, also such other information as may be of general interest or required by law.

The annual report of the President of the University to the Board of Trustees is made a part of this report.

Respectfully submitted,

CARL E. STEEB,  
*Secretary.*



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## CONSOLIDATED STATEMENT

*Schedule A*

## INCOME AND EXPENDITURES

Cash balance July 1, 1915 .....		\$100,876 44
Total income for year, <i>Schedule B-1</i> .....	\$1,955,702 54	
Less funds paid to State treasurer and not available for O. S. U.....	224,726 75	
	<u>\$1,730,975 79</u>	
Total expenditures for year, <i>Schedule C-1</i> .....	1,652,454 52	
Net surplus for year .....		<u>78,521 27</u>
Cash balance June 30, 1916 .....		\$179,397 71

## ASSETS AND LIABILITIES

Current assets at end of year, <i>Schedule E</i> .....	\$ 444,726 65	
Current liabilities at end of year, <i>Schedule E</i> .....		\$ 156,400 33
Investment assets at end of year, <i>Schedule E</i> .....	1,009,258 08	
Investment liabilities at end of year, <i>Schedule E</i> .....		1,009,258 08
Educational Plant—		
Value of lands, buildings and equipment, <i>Schedule E</i> .....	5,975,127 83	
Net investment or capital account .....		<u>6,263,454 15</u>
	<u>\$7,429,112 56</u>	<u>\$7,429,112 56</u>



## Schedule B-1

## INCOME

DESCRIPTION	Items	Total
<b>INCOME FROM STUDENTS:</b>		
Tuition, incidentals, and laboratory fees, <i>Schedule B-2</i> .....	\$175,199 00	
Special fees, degrees, etc., <i>Schedule B-2</i> .....	5,257 00	
For supplies, chemicals, laboratory material, etc. ....	49,735 28	
For dormitories—Oxley Hall .....	21,984 20	
For locker rent .....	3,665 10	
		\$ 255,840 58
<b>INCOME FROM INVESTMENTS OF:</b>		
Endowments for general purposes, <i>Schedule J</i> (see below) .....		
Endowments for designated purposes, <i>Schedule K</i> (see below) .....		
Other investments (if any) .....		\$ .....
<b>INCOME FROM GRANTS BY NATION, STATE AND SPECIAL TAXATION:</b>		
State Aid: Income from endowments granted by State .....		
Income from endowments for general purposes .....	\$ 13,045 88	
Income from endowments for designated purposes .....	4,002 82	
Tax levy for current expenses .....		
Appropriation for current expenses .....	1,192,723 08	
Tax levy for building or other special purposes .....		
Appropriations for building or other special purposes .....	225,252 47	
		1,435,024 25
Federal Aid: Income from Land Grant Act of July 2, 1862, (paid by State) .....	\$ 31,450 59	
Income from other Land Grants—Virginia Military Lands (paid by State) .....	11,344 25	
Additional Aid Acts of Aug. 30, 1890 and March 4, 1907. ...	50,000 00	
For agricultural extension work (act of Congress May 8, 1914) .....	35,487 79	
		128,282 63
<b>GIFTS FOR CURRENT EXPENSES:</b>		
For general purposes, <i>Schedule O</i> .....		
For designated purposes, <i>Schedule O</i> .....	33,100 00	
		33,100 00
<b>INCOME FROM OTHER SOURCES:</b>		
Architecture-photo .....	\$ 397 36	
Rents—buildings and grounds .....	730 00	
Sale of produce—dairy and farm .....	33,144 84	
Veterinary clinic .....	3,071 02	
Dental clinic .....	6,918 20	
Homeopathic hospital clinic .....	6,796 46	
Journalism printing .....	15,107 30	
Virginia Military Lands .....	190 00	
Testing cows .....	12,685 84	
Miscellaneous sales, old material, etc. ....	2,406 21	
General store room .....	3,762 85	
County Agent funds from counties .....	3,200 00	
Farmers' Institutes funds from counties .....	14,700 00	
Ohio Biological Survey .....	255 00	
		103,455 08
Total Income .....		\$1,955,702 54
Less funds paid to State Treasurer and not available for O. S. U. ....		224,726 75
Total available income .....		\$1,730,975 79

## Schedule B-2

## RECEIPTS FROM STUDENTS

COLLEGE	Annual Fees		Number Registered	Number Paying Fees	Number not Paying Fees	Penalties and Other Fees	Gross Receipts	*Refunds	Net Receipts
	Tuition	Incidentals							
Agriculture .....		\$30 00	1003	982	21	\$1,680 00	\$31,498 50	\$1,753 50	\$29,745 00
Agriculture, three years course.....		20 00	207	191	16	408 00	4,294 00	494 00	3,800 00
Agriculture, winter course .....		6 00	173	172	1	172 00	1,130 00	179 00	951 00
Arts .....		30 00	1149	1138	11	1,948 00	36,537 00	1,908 00	34,629 00
Arts, Education .....		30 00	98	96	2	84 00	2,997 00	70 00	2,927 00
Dentistry .....	\$150 00		158	157	1	305 00	16,331 00	483 00	15,848 00
Education .....		30 00	409	379	30	166 00	11,301 00	313 00	10,988 00
Engineering .....		30 00	887	884	3	1,869 00	28,527 50	1,861 00	26,666 50
Optometry .....	100 00		15	15		29 00	1,164 00	29 00	1,135 00
Homeopathic Medicine.....	125 00		39	39		75 00	2,965 50	75 00	2,890 50
Law .....	45 00	15 00	153	151	2	302 00	9,372 50	357 00	9,015 50
Medicine .....	150 00		184	183	1	352 00	18,728 00	428 00	18,300 00
Pharmacy .....		30 00	92	91	1	180 00	2,977 50	196 00	2,781 50
Veterinary Medicine .....		30 00	159	156	3	324 00	5,073 00	367 00	4,706 00
Graduate School .....		30 00	212	90	122	104 00	2,936 00	278 00	2,658 00
Summer Sessions .....		8 00	1033	1029	4		8,388 00	32 00	8,356 00
Totals .....			5971	5753	218	\$7,998 00	184,022 50	\$8,823 50	\$175,199 00
Auditors .....	\$1 00 per	sem.							2 00
Special Examinations .....	\$2 00 each								260 00
Diplomas .....	\$5 00 First	Degree	\$10 00 High	er Degree					4,995 00
Total Fees .....									\$180,456 00

\*Paid Ohio Union \$7,237 00.



Schedule C-1

## CLASSIFIED EXPENDITURES

	Items	Totals
<b>EXPENSES:</b>		
Salaries .....	\$928,691 93	
• Employees and extra labor .....	62,067 94	
Material and general supplies .....	63,962 99	
Laboratory supplies .....	58,018 18	
Coal and gas .....	24,283 61	
Water .....	8,817 75	
Stationary and office supplies (including postage) .....	23,963 75	
Printing, bulletins and catalogues .....	9,438 41	
Advertising .....	1,156 67	
Field work—Agricultural Extension—including County Agents .....	27,548 80	
Traveling expenses .....	2,283 74	
Oxley Hall—Schedule M .....	21,060 78	
Repairs—equipment .....	8,102 09	
Freight and cartage .....	4,629 61	
Incidentals .....	11,970 55	
Feed—live stock .....	6,743 89	
Virginia Military Lands .....	2,172 30	
Cow testing (see receipts) .....	12,685 84	
Trustees expenses .....	382 08	
Scholarship and student aid .....	3,510 10	
Refunds .....	46 90	
Telephone and telegraph .....	3,453 60	
Hospitals—use of wards and heating .....	7,562 50	
Total Expenses, Schedule C-2 .....		\$1,292,553 91
<b>EQUIPMENT:</b>		
Apparatus .....	\$50,294 83	
Books .....	23,573 40	
Collections .....	212 42	
Furniture and Fixtures .....	26,753 64	
Horses, wagons and harness .....	1,962 94	
Live stock .....	2,405 10	
Machinery, tools and implements .....	13,031 04	
Tunnels, conduits and heating lines .....	13,511 51	
Oxley Hall—Schedule M .....	539 83	
Total Equipment, Schedule C-2 .....		132,284 71
<b>ADDITIONS TO BUILDINGS .....</b>		
		14,066 59
<b>CLUSTER LIGHTS .....</b>		
		969 47
<b>FIRE PROTECTION .....</b>		
		1,596 29
<b>NEW BUILDINGS, Schedule C-2 .....</b>		
		175,466 84
<b>RAILWAY, Schedule C-2 .....</b>		
		236 86
<b>SEWERS, Schedule C-2 .....</b>		
		567 50
<b>GRADING, PLANTING, ROADS, WALKS, ETC .....</b>		
		32,348 92
<b>TEMPORARY ACCOUNTS:</b>		
Adjustment of Interest on Endowment Account .....		1,652 94
Vouchers cancelled in Uses and Purposes .....		710 49
Total Expenditures .....		\$1,652,454 52

\*Amount paid to Students, \$34,918.53.

## EXPENDITURES BY DEPARTMENTS OR DIVISIONS

Schedule C-2

DESCRIPTION	Expense Items	Totals	Equipment Items (Assets)	Totals	Total Cost of Department or Division	Totals
DEPARTMENTS:						
(Details expense items, Sch. C-3; Details equipment items, Sch. C-4).....						
Agricultural Chemistry.....	\$10,024 25		\$ 655 28		\$10,679 53	
Agricultural Engineering.....	6,907 16		648 72		7,555 88	
Agronomy.....	8,269 08		437 08		8,706 16	
American History.....	6,299 60		83 77		6,383 37	
Anatomy.....	10,650 73		954 39		11,605 12	
Animal Husbandry.....	29,598 51		4,556 12		34,154 63	
Architecture.....	6,542 94		1,468 49		8,011 43	
Art.....	7,965 92		1,081 31		9,047 23	
Astronomy.....	5,043 91		588 61		5,632 52	
Bacteriology.....	8,554 16		789 17		9,343 33	
Biblical History.....	78		54 80		55 58	
Botany.....	13,336 59		4,614 16		17,950 75	
Ceramic Engineering.....	6,085 28		637 10		6,722 38	
Chemistry.....	28,530 32		1,617 56		30,147 88	
Chemistry—Medicine.....	2,752 53		665 81		3,418 34	
Civil Engineering.....	15,770 53		989 00		16,759 53	
Dairying.....	32,997 78		1,662 81		34,660 59	
Dentistry.....	14,592 94		1,216 51		15,809 45	
Dispensaries.....	2,309 37		281 03		2,590 40	
Economics and Sociology.....	27,539 26		340 39		27,879 65	
Electrical Engineering.....	11,337 53		1,327 85		12,665 38	
Engineering Drawing.....	14,877 63		494 28		15,371 91	
English.....	23,600 21		38 94		23,839 15	
European History.....	9,353 41		180 20		9,533 61	
Farm Crops.....	849 84		73 62		923 46	
Farm Operations.....	647 05				647 05	
Forestry.....	6,945 28		1,720 74		8,666 02	
Geology.....	11,251 39		1,015 66		12,267 05	
German.....	16,683 20		264 03		16,947 23	
Greek.....	3,034 83		225 86		3,260 69	
History and Philosophy of						
Education.....	3,317 94		83 31		3,401 25	
Home Economics.....	17,122 42		573 27		17,695 69	
Homeopathic Medicine.....	14,701 18		2,463 00		17,164 18	
Homeopathic Hospital.....	12,087 67		1,474 70		13,562 37	
Hospitals.....	16,658 74		5,655 26		22,314 00	
Horticulture.....	8,632 50		126 00		8,758 50	
Industrial Arts.....	15,784 16		970 86		16,755 02	
Journalism.....	7,258 53				7,258 53	
Journalism-Printing.....	11,454 27		1,548 60		13,002 87	
Latin.....	8,765 99		110 63		8,876 62	
Law.....	16,818 00		129 38		16,947 38	
Manual Training.....	2,316 82		727 82		3,044 64	
Mathematics.....	20,119 89		464 31		20,584 20	
Mechanical Engineering.....	14,632 25		1,433 27		16,065 52	
Mechanics.....	6,122 26		103 30		6,225 56	
Medicine and Clinical Medicine.....	3,226 95		149 03		3,375 98	
Medicine—General.....			848 40		848 40	
Metallurgy.....	5,574 93		707 50		6,282 43	
Meteorology.....	250 00				250 00	
Military Science and Tactics.....	5,403 98		307 12		5,711 10	
Mine Engineering.....	4,693 40		559 89		5,253 29	
Mineralogy.....	2,204 10		374 34		2,578 44	
Obstetrics.....	1,758 70		37 00		1,795 70	
Optometry.....	292 50		857 20		1,149 70	
Pathology and Bacteriology.....	12,604 79		501 60		13,106 39	
Pharmacy.....	5,327 18		9 48		5,336 66	
Philosophy.....	7,017 72		128 70		7,146 42	
Physical Education.....	15,526 75		4,189 91		19,716 66	
Physics.....	23,900 18		3,176 04		27,076 22	
Physiology.....	8,366 24		496 86		8,863 10	
Physiology—Medicine.....	5,675 41		580 88		6,256 29	
Political Science.....	5,054 01				5,054 01	
Principles and Prac. of Ed.....	4,850 23					
Psychology.....	15,354 75		19 82		4,870 05	
Public Health and Sanitation.....	7 53		874 28		16,229 03	
Romance Languages.....	17,138 30		14 70		22 23	
Rural Economics.....	21,545 32		219 76		17,358 06	
School Administration.....	4,457 94		1,275 52		22,820 84	
St. Francis Hospital X-Ray.....	17 97		55 95		4,513 89	
Surgery.....	1,774 16		1,514 97		1,532 94	
Surgical Specialties.....	30 70		380 87		2,155 03	
Therapeutics.....	2,203 10		48 13		78 83	
Veterinary Medicine.....	21,633 95				2,203 10	
Zoology and Entomology.....	16,017 97		356 07		21,990 02	
			5,074 27		21,092 24	
Total Departments.....		\$730,253 39		\$67,305 29		\$797,558 68
SPECIAL INSTRUCTION:						
Summer Schools.....	26,519 20				26,519 20	
Winter Course Lectures.....	2,421 87				2,421 87	
Total Summer and Winter Courses.....		28,941 07				28,941 07
				\$67,305 29		\$826,499 75
Amount Forward.....		\$759,194 46				



## EXPENDITURES BY DEPARTMENTS OR DIVISIONS—Continued

DESCRIPTION	Expense Items	Totals	Equip- ment Items (Assets)	Totals	Total Cost of Depart- ment or Division	Totals
Brought forward .....		\$759,194 46		\$67,305 29		\$826,499 75
LIBRARY .....	\$29,055 54		\$26,898 81		\$55,954 35	
Total Library .....		29,055 54		26,898 81		55,954 35
SPECIAL FUNDS						
Details expense items in Sch. C-3; Details equipment items in Sch. C-4).						
University Architect .....	1,315 37		24 92		1,340 29	
Architecture Photo .....	581 57				581 57	
Agricultural Extension .....	117,804 99		2,692 13		120,497 12	
Ohio Biological Survey .....	621 20				621 20	
Official Milk Testing .....	781 89				781 89	
Winter Course in Highway Engineering .....	2 60				2 60	
Engineering Experiment Station .....	180 17				180 17	
University Chemist .....	250 00				250 00	
Ohio Journal of Science .....	500 00				500 00	
Total Special Funds .....		122,037 79		2,717 05		124,754 84
ADMINISTRATION AND GENERAL ACCOUNTS:						
Executive Offices .....	101,833 76		1,529 22		103,362 98	
(Details expense items in Sch. C-3; Details equipment items in Sch. C-4).						
Store Room .....	43,342 42		5,218 92		48,561 34	
(Details expense items in Sch. C-3; Details equipment items in Sch. C-4).						
Stenographic and Clerical ..	20,545 77				20,545 77	
(Details expense items in Sch. C-3).						
Incidentals .....	8,555 30		4,706 56		13,261 86	
(Details expense items in Sch. C-3; Details equipment items in Sch. C-4).						
Equipment of Buildings— General .....	161 59				161 59	
(Details expense items in Sch. C-3.)						
American Association for Advancement of Science ..	1,298 87				1,298 87	
(Details expense items in Sch. C-3.)						
Engineering Lecture Course ..	123 37				123 37	
(Details expense items in Sch. C-3.)						
Insurance .....	81 70				81 70	
(Details expense items in Sch. C-3.)						
Commencement Exercises ..	4,217 84				4,217 84	
(Details Schedule C-3).						
O. S. U. Association .....	2,400 00				2,400 00	
(Details, Schedule C-3).						
Y. M. C. A. ....	700 00				700 00	
(Details Schedule C-3).						
Y. W. C. A. ....	500 00				500 00	
(Details, Schedule C-3)						
Trustees Expenses .....	382 08				382 08	
Advertising .....	1,156 67				1,156 67	
Water .....	8,817 75				8,817 75	
Total Adm. and Gen'l .....		194,117 12		11,454 70		205,571 82
OPERATION, MAINTENANCE & EQUIPMENT OF PLANT:						
Boiler—Park Street Building ..	122 98				122 98	
(Details expense items in Sch. C-3.)						
New Roof—Robinson Labora- tory .....	3,346 90				3,346,90	
(Details expense items in Sch. C-3)						
Raise and Rebuild Boiler .....	3,562 30				3,562 30	
(Details expense items in Sch. C-3.)						
Rewire Townshend Hall .....	2,980 01				2,980 01	
(Details expense items in Sch. C-3.)						
State Street Dispensary .....	3,892 04				3,892 04	
(Details expense items in Sch. C-3.)						
Repairs Building, (Current) ...	21,119 11				21,119 11	
(Details expense items in Sch. C-3.)						
Amount forward .....	\$35,223 34	\$1,104,404 91			\$35,223 34	\$1,212,780 86

## EXPENDITURES BY DEPARTMENTS OR DIVISIONS—Concluded

DESCRIPTION	Expense Items	Totals	Equipment Items (Assets)	Totals	Total Cost of Depart- ment or Division	Totals
Amount forward.....	\$35,223 34				\$35,223 34	
Supt. Bldgs. and Grounds, Carpenters, Mechanics, etc. .... (Details expense items in Sch. C-3.)	13,376 43				13,376 43	
Roads and Grounds..... (Details expense items in Sch. C-3; Details equipment items, Sch. C-4).	4,246 80		301 37		4,548 17	
Janitors, Police and Elevator Men (Details, Sched. C-3)	32,824 43				32,824 43	
Brought forward.....	\$85,471 00	\$1,104,404 91	\$301 37	\$108,375 85	\$85,772 37	\$1,212,780 76
Laundry..... (Details expense items in Sch. C-3; Details equipment items in Sch. C-4).	2,482 99		4 18		2,487 17	
Power Plant..... (Details expense items in Sch. C-3; Details equipment items in Sch. C-4).	36,397 75		23,063 48		59,461 23	
Woodworking Machinery... (Details in Schedule C-3.)	84 73				84 73	
Coal and Gas..... Total Operation, Mainte- nance and Equipment.....	24,283 61				24,283 61	
		148,720 08		23,369 03		172,089 11
DORMITORIES AND DINING HALLS: (Details expense items in Sch. M; Details equipment items in Sch. M.)						
Oxley Hall.....	21,060 78		539 83		21,600 61	
Total Dormitories, etc.....		21,060 78		539 83		21,600 61
MISCELLANEOUS EXPENSES:						
Virginia Military Lands.....	2,172 30				2,172 30	
Cow Testing (See Receipts).....	12,685 84				12,685 84	
Scholarships & Student Aid.....	3,510 00				3,510 00	
Total Misc. Expenses.....		18,368 14				18,368 14
Total Ex. and Equip.....		1,292,553 91		132,284 71		1,424,838 62
NEW BUILDINGS: (Details in Schedule C-4).						
Contracts.....			167,429 62			
Architects.....			5,650 02			
Printing and Advertising.....			141 67			
Freight, extra labor and material.....			2,245 53			
Total Expenditures for new Buildings.....						175,466 84
ADDITIONS TO BUILDINGS... (Details in Schedule C-4).			14,066 59			
CLUSTER LIGHTS: Freight, labor, material and tools.....			969 47			
FIRE PROTECTION: Freight, labor, material and tools.....			1,596 29			
RAILWAY: Freight, labor and material.....			236 86			
GRADING, PLANTING, ROADS, WALKS, ETC..... Labor and material.....			32,348 92			
SEWERS: Labor and material.....						
Total.....			567 50			49,785 63
Total Expenditures Schedule C-1.....						\$1,650,091 09



**DEPARTMENTAL EXPENSES**

*Schedule C-3*

DEPARTMENT OR DIVISION	Salaries Instruction	Salaries Super- intendents and Others	Employees and Extra Labor	Stationery and Office Supplies	Incidentals	Laboratory Supplies	Material and General Supplies	Repairs	Tele- phone and Tele- graph	Freight and Cartage	Feed	Travel- ing Expenses	Catalogs, Bulletins, Printing Etc.	Total Expense
Agricultural Chemistry	\$ 8,300 00		\$ 956 24	\$ 178 41	\$ 8 56	\$ 345 60	\$ 170 45	\$ 42 50	\$ 1 99	\$ 20 50				\$ 10,024 25
Agricultural Engineering	5,300 00	\$ 900 00	180 77	151 48		120 31	193 62	8 13	2 32	50 53				6,907 16
Agronomy	7,800 00		170 35	70 48		121 02	48 33	37 79	61	20 50				8,269 08
American History	6,270 00		2 50	19 42		1 30			2 09	4 29				6,299 60
Anatomy	9,850 00		64 35	4 49	32 96	629 74	63 62	2 00		3 75				10,650 73
Animal Husbandry	12,850 00	6,501 00	3,188 95	302 35	514 59	397 46	1,103 46	55 54	24 06	385 08	\$4,276 02			29,598 51
Architecture	6,300 00		76 06	35 25		32 50	78 07			1 06				6,542 94
Art	7,700 00		64 25	75 80	2 05	11 52	12 45	1 98	4 32	93 55				7,965 92
Astronomy	4,800 00		92 67	30 34	7 75	50 58	38 14	16 48	6 07	1 88				5,043 91
Bacteriology	8,150 00		50 27	24 79		191 76	49 49	80 96	76	6 13				8,554 16
Biblical History										78				78
Botany	11,750 00	800 00	159 85	83 01	19 65	345 78	138 57	4 79	60	34 34				13,336 59
Ceramic Engineering	4,600 00	600 00	129 42	31 30	25	199 59	424 56	43 33	1 70	55 13				6,085 28
Chemistry	26,170 00		631 23	218 12	35 00	1,242 27	174 05	12 72	4 98	41 95				28,530 32
Chemistry—Medicine	3,000 00		11 00			(266 28)				7 81				2,752 53
Civil Engineering	15,000 00		252 26	106 05		170 52	106 53	98 31	15 08	21 78				15,770 53
Dairying	8,400 00	531 00	5,601 33	604 34	21 40	16,539 56	853 70	207 54	95 29	143 62				32,997 78
Dentistry	10,000 00		36 25	16 35	10 77	4,061 31	246 37	153 05	55 50	13 34				14,592 94
Dispensaries	585 66		458 75	9 75	3 15	1,014 94	100 13	5 00	2 50	2 16				2,309 37
Economics and Sociology	27,100 00		8 25	199 20	10 22	3 00	9 89	8 00	72	10 22				27,539 26
Electrical Engineering	9,000 00	1,486 15	93 65	111 23	70 12	330 64	147 18	32 22	1 46	58 88				11,337 53
Engineering Drawing	14,540 00		66 10	87 63	24 76	139 25	11 09	1 06	43	7 31				14,877 63
English	23,750 00		3 00	42 37			4 84							23 800 21
European History	9,310 00		40 18				39			2 84				9,353 41
Farm Crops			595 27	27 63		130 04	78 53	2 15		16 22				849 84
Farm Operations		318 00	207 62	4 25	1 41	74 10	15 87	25 05	75					647 05
Forestry	6,050 00		375 17	33 24		235 51	137 14	63 85	75	49 62				6,945 28
Geology	10,800 00		162 92	33 12	50 75	126 82	52 50	1 30	90	23 08				11,251 39
German	16,650 00			31 48			72							16,683 20
Greek	3,000 00		4 00				29 21			1 62				3,034 83
History and Philosophy														
of Education	3,300 00		15 55			2 12				27				3,317 94
Home Economics	14,900 00	480 00	160 19	30 15		1,317 17	99 62	27 10	35	10 79				17,122 42
Homeopathic Medicine	12,800 00		169 15	165 45		875 47	321 15	36 60	7 82	22 84				14,701 18
Homeopathic Hospital	1,699 95	1,835 74	354 82	235 35	965 00	2,536 77	4,305 90	48 44	66 71	38 99	Research			12,087 67
Horticulture	11,478 86		149 35	49 36		962 64	312 32	5 87	5 61	217 09	\$ 959 46			16,658 74
Hospitals		1,070 00			*7,562 50									8,632 50
Industrial Arts	13,200 00		297 37	34 97	2 07	1,877 51	279 89	3 92		88 34				15,784 16
Journalism	6,256 00	1,000 00	2 20						33					7,258 53
Journalism—Printing		3,400 00	1,857 85	561 52	137 69	491 01	4,757 87	97 16	46 70	103 61				11,454 27
Latin	8,750 00		1 50	6 25			6 01			2 23				8,765 99
Law	16,750 00		34 00	29 00			14 00							16,818 00
Manual Training	2,250 00		10 10	21 74		23 77	23 77			21 31				2,316 82
Mathematics	20,050 00		32 07			8	24 67			2 97				20,119 89
Mechanical Engineering	10,600 00	1,860 00	283 31	148 19	136 41	894 62	251 33	355 23	10 42	92 74				14,632 25
Mechanics	6,100 00		7 32	12 21			2 48		25					6,122 26
Medicine and Clinical														
Medicine	2,550 00		34 13	89 25	1 87	346 85	204 77			08				3,226 95
Metallurgy	4,600 00		623 60	41 46	33 22	182 95	62 27	12 30		19 13				5,574 93
Amount forward.....	\$412,310 47	\$21,110 06	\$21,023 87	\$ 4,271 51	\$ 9,886 89	\$35,777 68	\$14,934 39	\$1,496 37	\$ 361 07	\$ 1,698 18	\$5,235 48			\$527,146 51

\*Use of wards and heating

## DEPARTMENTAL EXPENSES—Continued

DEPARTMENT OR DIVISION	Salaries Instruction	Salaries Superin- tendent and Others	Employees and Extra Labor	Station- ery and Office Supplies	Incidentals	Laboratory Supplies	Material and General Supplies	Repairs	Tele- phone and Tele- graph	Freight and Cartage	Feed	Travel- ing Ex- penses	Printing Bulletins, Catalogs Etc.	Total Expenses
Brought forward.....	\$412,310 47	\$21,110 06	\$21,023 87	\$4,271 51	\$9,886 89	\$35,777 68	\$14,934 39	\$1,496 37	\$361 07	\$1,698 18	\$5,236 48			\$527,146 51
Medicine and Clinical Medicine.....	2,550 00		34 13	89 25	1 87	346 85	204 77			08				3,226 95
Metallurgy.....	4,600 00		623 60	41 46	33 22	982 95	62 27	12 30		19 13				5,574 83
Meteorology.....	250 00	3,077 00					184 83	20 50	87	9 61				250 00
Military Science and Tactics.....	1,950 00				61 20	16 25	1 07	5 70		7 51				5,403 98
Mine Engineering.....	4,550 00		19 30	12 66	46 60	50 56	7 11			12 39				4,693 40
Mineralogy.....	2,000 00		26 70	15 77		142 13								2,204 10
Obstetrics.....	1,200 00			20 00		538 70	14 19			10 61				1,758 70
Optometry.....			10 00	14 83	163 00	79 15	54 01	116 22	40	10 79				292 50
Pathology and Bacteriology.....	11,935 00		4 00	13 71	50	470 16	95 53	1 50	90	2 47				12,604 79
Pharmacy.....	5,130 00		34 70	33 18	10 48	18 42				93				5,327 18
Physiology.....	7,000 00			16 69		252 04	31 91		47 00	9 16				7,017 72
Physical Education.....	12,930 00	932 50	958 44	317 67	2 06	45 97	116 81	10 00	35	59 77				15,526 75
Physics.....	21,621 00	1,200 00	363 02	57 74		471 16	18 62	2 00	13 57					23,900 18
Physiology.....	8,225 00		37	9 51		97 17	123 43	2 17		24 26				8,366 24
Physiology, Medicine.....	4,850 00		79 53	15 96	03	580 03	01							5,675 41
Political Science.....	5,000 00		49 50	4 50										5,054 01
Principles and Practice of Educa- tion.....	4,800 00			25 23	25 00		44 42	21 34	6 40	14 12				4,850 23
Psychology.....	14,850 00		30 67	143 08	1 65	243 07				28				15,354 75
Public Health and Sanitation.....										3 47				7 53
Romance Languages.....	17,100 00			7 25			7 40			75 89				17,138 30
Rural Economics.....	6,283 75	6,798 00	4,411 40	27 43		190 88	1,133 23	154 16	73 24	1 05				21,545 32
School Administration.....	4,425 00			876 33	373 44	9 25	96							4,457 94
St. Francis Hospital X-Ray.....				21 68						17 97				17 97
Surgery.....	800 00		52 07			905 42	4 58	10 40		1 69				1,774 16
Surgical Specialties.....						30 00				70				30 70
Therapeutics.....	2,200 00					3 10								2,203 10
Veterinary Medicine.....	17,800 00	100 00	893 15	171 49	1 65	1,959 93	465 15	130 58	91 36	20 64				21,633 95
Zoology and Entomology.....	15,100 00		154 05	89 35		380 39	199 12	10 57		84 49				16,017 97
Total Department Expense.....	\$582,310 55	\$33,218 06	\$28,121 77	\$6,237 52	\$15,443 22	\$40,697 16	\$17,657 21	\$2,013 42	\$5896	\$1,079 55	\$6,849 07			\$730,253 39

†These amounts already included in classification of their respective departments.



## DEPARTMENTAL EXPENSES—Continued

Schedule C-3—Continued

DEPARTMENT OR DIVISION	Salaries	Salaries Assistants, Clerks and Stenog- raphers	Employees and Extra Labor	Stationery and Office Supplies	Incidentals	Laboratory Supplies	Material and General Supplies	Repairs	Tele- phone and Tele- graph	Freight and Cartage	Feed	Traveling Expenses	Printing Bulletins and Catalogues	Total Expenses
<b>SPECIAL INSTRUCTION:</b>		<b>Lectures</b>												
Summer Schools .....	25,120 00	485 00	222 50	50 56	86 32	180 46	173 31	1 00	9 58	126 60		\$ 61 12	\$ 2 75	26,519 20
Winter Course Lectures .....	1,600 00	130 00	166 25	186 30	19 50	7 26	127 12		2 47	2 60		102 04	78 33	2,421 87
Total Special Instruction Dept. Expense .....	\$ 26,720 00	\$ 615 00	\$ 388 75	\$ 236 86	\$ 105 82	\$ 187 72	\$ 300 43	\$ 1 00	\$ 12 05	129 20		\$ 163 16	\$ 81 08	\$28,941 07
<b>LIBRARY</b>	2,000 00	17,502 63	3,846 59	1,001 81			145 30	4,024 15	31 41	441 17			62 50	29,055 54
<b>SPECIAL FUNDS:</b>														
University Architect .....	383 32	746 66	12 50	51 65			119 48			1 51				1,315 37
Architecture Photo .....			419 96	15 13	9 50	113 15	12 71		25	11 12	2 7,548 80	2,760 94	581 57	
Agricultural Extension .....	70,016 30	8,306 00	1,577 65	3,683 83	1,018 16	590 75				461 74	124 22	412 84	117,804 99	
Ohio Biological Survey .....			25 20	23 53		35 00	1,108 60	65 97	668 25	41	7 65		621 20	
Official Milk Testing .....		515 38	62 70	109 56						17 87			781 89	
Winter Course in Highway Engineering .....						2 60			68 73				2 60	
Engineering Experiment Station .....						122 78	40 64	5 57		11 18			180 17	
University Chemist .....	250 00												250 00	
Ohio Journal of Science .....													500 00	500 00
Total Special Funds .....	\$ 70,649 62	\$ 9,568 04	\$ 2,098 01	\$ 3,883 70	\$ 1,027 66	\$ 864 28	\$ 1,281 43	\$ 69 54	\$ 737 23	\$ 503 83		\$ 27,680 67	\$ 3,673 78	\$122,037 79
<b>EXECUTIVE OFFICES:</b>														
President .....	7,000 00	2,650 00		212 92			40		139 72				18 75	10,021 79
Business Manager .....	5,000 00	13,074 38	788 40	1,156 27	130 00		41 05	40 25	202 24	7 22		13 05	241 60	20,714 46
Registrar .....	2,200 00	4,520 00	1,522 61	1,409 79	50		38 39		29 01	10 78			3 27	9,734 35
Dean of Women .....	2,000 00	570 00	82 37	90 51	4 50		2 59		18 00	86			72	2,765 05
Board of Publication .....			215 00	8 65	23 92		1 50		4 50	82 52			4,078 96	4,415 05
Entrance Board .....	2,200 00	1,359 60	88 37	243 65	1 00		22 75	5 12	111 41	(44 54)			32 75	4,020 47
Mailing Room .....			551 22	1,106 89	20 00		60 48			77 88				1,816 47
College of Agriculture .....	3,200 00		6 05	13 99			19 34	2 70	16 50	2 86			11 50	3,272 94
College of Arts .....	4,000 00			25 94	49		5 59		21 57					4,053 10
College of Dentistry .....	3,500 00		75	33 50	12 95		2 10		7 05	4 01				3,560 36
College of Education .....	4,000 00		50	58 70			1 72	1 05	8 92					4,070 89
College of Engineering .....	1,250 00			19 82			12	10 00	35				5 35	1,285 64
College of Law .....	5,000 00			68 93	20 00		5 82							5,094 75
College of Medicine .....	4,500 00		1 00	56 22	18 00		36 45		3 43	3 47			31 50	4,650 07
College of Homeopathic Medicine .....	3,000 00			102 57			40		1 40	35				3,104 72
College of Pharmacy .....	1,500 00		1 50	24 00										1,525 50
College of Vet. Medicine .....	4,000 00		26 12	26 47			6 86							4,059 45
Graduate School .....	4,000 00	*9,575 00		75 87			50		16 83	50				13,668 70
Total Exec. Offices .....	\$ 56,350 00	\$31,748 98	\$ 3,284 25	\$ 4,734 69	\$ 246 37		\$ 246 06	\$ 59 12	\$ 580 93	\$ 145 91		\$ 13 05	\$ 4,424 40	\$101,833 76

\*Lectures.

## DEPARTMENTAL EXPENSE—Concluded

[illegible]



## LANDS, BUILDINGS AND EQUIPMENT

## EQUIPMENT

DEPARTMENT OR DIVISION	Apparatus	Books	Collections	Furniture and Fixtures	Horses, Wagons and Harness	Live Stock	Machinery, Tools and Implements	Tunnels, Conduits and Heating Lines	Totals
Agricultural Chemistry	\$ 413 13			\$ 242 15					\$ 655 28
Agricultural Engineering	408 38			237 27			\$ 3 07		648 72
Agronomy	294 39			142 69					437 08
American History	48 00			35 77					83 77
Anatomy	929 10			25 29					954 35
Animal Husbandry	216 66			43 32	\$1,890 44	2,405 10	60		4,556 12
Architecture	1,443 87			24 62					1,468 49
Art	887 20	\$ 8 00		186 11					1,081 31
Astronomy	588 61								588 61
Bacteriology	751 95			37 22					789 17
Biblical History	54 80								54 80
Botany	2,063 90	12 20		2,538 06					4,614 16
Ceramic Engineering	622 15	6 25		8 70					637 10
Chemistry	1,388 70			220 04			8 82		1,617 56
Chemistry-Medicine	665 81								665 81
Civil Engineering	818 58			170 42					989 00
Dairying	1,475 59			185 11			2 11		1,662 81
Dentistry	1,110 41			106 10					1,216 51
Dispensaries	218 60			62 07					281 03
Economics and Sociology	5 44			334 95					340 39
Electrical Engineering	1,317 70			10 15					1,327 85
Engineering Drawing	106 51			387 77					494 28
English		11 99		26 95					38 94
European History	162 45			17 75					180 20
Farm Crops	57 72			15 90					73 62
Forestry	1,275 10		\$ 75 42	445 64					1,720 74
Geology	936 68	3 56							1,015 66
German	133 93			130 10					264 03
Greek	196 35	26 31		3 20					225 86
History and Philosophy of Education	26 25			57 06					83 31
Home Economics	426 58			144 19					573 27
Homeopathic Medicine	2,383 65	9 35	70 00				2 50		2,463 00
Homeopathic Hospital	453 32			1,021 38					1,474 70
Horticulture	4,155 48			1,491 94					5,655 26
Hospitals	125 00						7 84		126 00
Industrial Arts	874 72	13 50		82 64					970 86
Journalism-Printing	1,475 18			72 18			1 24		1,548 60
Latin	90 43	15 70		4 50					110 63
Law				129 38					129 38
Manual Training	662 42			65 40					727 82
Amount forward	\$29,266 10	\$106 86	\$145 42	\$8,706 02	\$1,890 44	\$2,405 10	\$ 26 18		\$42,568 12

## Schedule C-4—Continued

LANDS, BUILDINGS AND EQUIPMENT  
EQUIPMENT—Continued

DEPARTMENT OR DIVISION	Apparatus	Books	Collections	Furniture and Fixtures	Horses, Wagons and Harness	Live Stock	Machinery Tools and Implements	Tunnels, Conduits and Heating Lines	Totals
Brought forward .....	\$29,266 10	\$106 86	\$145 42	\$ 8,706 02	\$1,890 44	\$2,405 10	\$ 26 18		\$42,568 12
Mathematics .....	464 05			26					464 31
Mechanical Engineering .....	1,272 36	4 00		156 91					1,433 27
Mechanics .....	14 30			89 00					103 30
Medicine and Clinical Medicine .....	128 03	21 00							149 03
Medicine—General .....		10 00		838 40					848 40
Metallurgy .....	706 91						.59		707 50
Military Science and Tactics .....	245 90			61 22					307 12
Mine Engineering .....	372 54			187 35					559 89
Mineralogy .....	369 80			4 54					374 34
Obstetrics .....	37 00								37 00
Optometry .....	855 84			1 36					857 20
Pathology and Bacteriology .....	407 18			94 42					501 60
Pharmacy .....	6 78			2 70					9 48
Philosophy .....		15 23		113 47					128 70
Physical Education .....	1,129 25		67 00	2,993 66					4,189 91
Physics .....	3,105 66			70 38					3,176 04
Physiology .....	444 36			52 50					496 86
Physiology—Medicine .....	516 35			64 53					580 88
Principles and Practice of Education .....				19 82					19 82
Psychology .....	806 84			67 44					874 28
Public Health and Sanitation .....	14 70								14 70
Romance Languages .....	163 30			56 46					219 76
Rural Economics .....	297 76			892 02	72 50		13 24		1,275 52
School Administration .....	2 00			53 95					55 95
St. Francis Hospital X-Ray .....	1,514 97								1,514 97
Surgery .....	380 87								380 87
Surgical Specialties .....	48 13								48 13
Veterinary Medicine .....	285 55			70 52					356 07
Zoology and Entomology .....	2,931 06			2,140 56			2 65		5,074 27
Total Dept. Equipment .....	\$45,787 59	\$157 09	\$212 42	\$16,737 49	\$1,962 94	\$2,405 10	\$ 42 66		\$ 67,305 29
Amount forward .....	\$45,787 59	\$157 09	\$212 42	\$16,737 49	\$1,962 94	\$2,405 10	\$ 42 66		\$ 67,305 29



## LANDS, BUILDINGS AND EQUIPMENT

## EQUIPMENT—Concluded

DEPARTMENT OR DIVISION	Apparatus	Books	Collections	Furniture and Fixtures	Horses, Wagons and Harness	Live Stock	Machinery, Tools and Implements	Tunnels, Conduits and Heating Lines	Totals
Brought forward.....	\$45,787 59	\$ 157 09	\$212 42	\$16,737 49	\$1,962 94	\$2,405 10	\$ 42 66		\$67,305 29
LIBRARY .....		23,370 39		\$ 3,528 42					26,898 81
SPECIAL FUNDS:									
Agricultural Extension .....	719 09			1,965 79			7 25		2,692 13
University Architect .....	11 03			13 89					24 92
Total Special Funds .....	730 12			\$ 1,979 68			7 25		2,717 05
ADMINISTRATION AND GENERAL:									
Executive Offices:									
President .....				105 86					105 86
Business Manager .....				162 00					162 00
Registrar .....				164 59					164 59
Entrance Board .....				221 28					221 28
Dean of Women .....				41 85					41 85
Mailing Room .....				352 85			47		353 32
College of Arts .....				40 04					40 04
College of Education .....				264 30			3 92		268 22
College of Engineering .....				2 21					2 21
College of Medicine .....		9 00							9 00
Graduate School .....				160 85					160 85
Store Room .....	3,777 12	36 92		660 62			744 26		5,218 92
Incidentals .....				1,749 21			2,957 35		4,706 56
Total Administration and General.....	\$ 3,777 12	45 92		\$ 3,925 66			3,706 00		11,454 70
PLANT EQUIPMENT:									
Power Plant.....				580 91			8,971 06	\$13,511 51	23,063 48
Roads and Grounds .....							301 37		301 37
Laundry .....				1 48			2 70		4 18
Total Plant and Equipment .....				\$ 582 39			\$ 9,275 13	\$13,511 51	\$ 23,369 03
DORMITORIES AND DINING HALLS:									
Oxley Hall (See Schedule M).....									
Total Expenditures for Equipment, (Schedule C-2) .....	\$50,294 83	\$23,573 40	\$212 42	\$26,753 64	\$1,962 94	\$2,405 10	\$13,031 04	\$13,511 51	\$131,744 88

Schedule C-4—Concluded

## LANDS, BUILDINGS AND EQUIPMENT

## LANDS

DESCRIPTION	Items	Totals
Cluster lights.....	\$ 969 47	
Fire protection.....	1,596 29	
Sewers.....	567 50	
Railways.....	236 86	
Grading, planting, roads, walks, etc.....	32,348 92	
Additions to buildings.....	33,754 13	
Chemistry building.....	\$ 2,373 00	
Park Street building.....	1,995 00	
Physics building.....	30,533 68	
University Hall.....	9,501 00	
	14,066 59	
Total expenditures for lands and improvements, <i>Schedule C-2</i> .....		\$ 49,785 63
NEW BUILDINGS		
Horticulture and forestry building.....		
Botany and zoology building.....	\$ 9,347 73	
Home economics building.....	4,792 06	
Homeopathic Hospital building (New).....	73,927 64	
New shops building.....	32,372 31	
Small Animal building.....	51,034 66	
	3,992 44	
Total expenditures for new buildings for year, <i>Schedule C-2</i> .....		\$175,466 84



## DEPARTMENTAL SALARIES—INSTRUCTION

COLLEGE OR DEPARTMENT	Professors		Emeritus Professors		Associate Professors		Assistant Professors		Instructors		Assistants		Graduate Assistants		Student Assistants		Totals	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount
Agricultural Chemistry	2	\$ 2,800.00					1	\$ 1,500.00	3	\$ 3,400.00	1	\$ 600.00					7	\$ 8,300.00
Agricultural Engineering	1	2,500.00					1	1,600.00	1	1,200.00							3	5,300.00
Agronomy	1	2,500.00							2	2,500.00	3	2,200.00		\$ 600.00			8	7,800.00
American History	1	2,500.00					1	2,000.00	1	1,200.00			2	300.00	2	\$ 270.00	6	6,270.00
Anatomy	1	3,000.00					1	2,500.00	1	1,800.00	1	900.00	1		14	1,650.00	18	9,850.00
Animal Husbandry	2	5,700.00					3	5,200.00	1	1,200.00	1	500.00			1	250.00	8	12,850.00
Architecture	2	3,400.00							2	2,900.00							4	6,300.00
Art	1	2,500.00							4	5,200.00							5	7,700.00
Astronomy	1	3,000.00			1	\$ 1,800.00											2	4,800.00
Bacteriology	1	2,750.00					1	2,000.00	2	2,500.00			2	600.00	2	300.00	7	8,150.00
Botany	2	5,250.00					3	4,900.00	1	1,000.00			1	300.00	2	300.00	9	11,750.00
Ceramic Engineering	1	3,000.00					1	1,600.00									2	4,600.00
Chemistry	4	11,000.00	1	\$ 1,250.00			2	3,000.00	1	1,200.00	7	4,900.00	18	4,820.00			33	26,170.00
Chemistry—Medicine	1	500.00							2	2,050.00	1	450.00					4	3,000.00
Civil Engineering	3	7,050.00					3	4,650.00	5	3,300.00							11	15,000.00
Dairying	1	3,000.00					3	5,400.00							1		4	8,400.00
Dentistry	2	1,800.00							12	8,000.00					1	200.00	16	10,000.00
Dispensaries	1	400.00												2	185.66	3	585.66	
Economics and Sociology	5	13,300.00					3	5,800.00	7	7,500.00	1	500.00					16	27,100.00
Electrical Engineering	2	5,400.00							2	2,500.00	2	1,100.00					6	9,000.00
Engineering Drawing	1	3,500.00					4	6,300.00	4	3,740.00	1	700.00			1	300.00	11	14,540.00
English	3	7,500.00					5	9,000.00	3	3,000.00	3	1,550.00	9	2,700.00			23	23,750.00
European History	3	8,000.00							1	1,100.00			1	210.00			5	9,310.00
Forestry	1	2,750.00					1	1,700.00	2	1,600.00							4	6,050.00
Geology	2	6,000.00					1	1,700.00	3	3,100.00	1						6	10,800.00
German	2	5,500.00					4	6,750.00	3	3,600.00		500.00		300.00			11	16,650.00
Greek	1	3,000.00															1	3,000.00
History and Philosophy of Education	1	3,900.00									3		1				2	3,300.00
Home Economics	2	4,000.00					2	3,500.00	4	5,100.00	3	2,300.00					11	14,900.00
Homeopathic Medicine	5	11,000.00									5	700.00	1	200.00	4	900.00	13	12,800.00
Homeopathic Hospital											3	1,699.95					5	1,699.95
Horticulture	4	7,700.00					1	1,800.00			4	1,978.86					8	11,478.86
Industrial Arts	1	2,420.00			1	1,925.00			4	5,225.00		3,330.00			1	300.00	11	13,200.00
Journalism	1	2,000.00							3	4,256.00							4	6,256.00
Amount forward	62	\$ 137,720.00	1	\$ 1,250.00	2	\$ 3,725.00	41	\$ 70,900.00	74	\$ 78,171.00	40	\$ 23,908.81	36	\$ 10,030.00	30	\$ 4,655.66	287	\$ 340,660.47

## DEPARTMENTAL SALARIES—INSTRUCTION—Continued

Schedule C-5—Continued

COLLEGE OR DEPARTMENT	Professors		Emeritus Professors		Associate Professors		Assistant Professors		Instructors		Assistants		Graduate Assistants		Student Assistants		Totals	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount
Brought forward.....	62	\$ 137,720.00	1	\$ 1,250.00	2	\$ 3,725.00	41	\$ 70,900.00	74	\$ 78,171.00	40	\$ 23,908.81	36	\$ 10,030.00	30	\$ 4,655.66	287	\$ 340,660.47
Law.....	5	† 16,750.00							1	1,000.00							5	16,750.00
Latin.....	3	7,750.00															4	8,750.00
Manual Training.....							1	2,250.00									1	2,250.00
Mathematics.....	6	13,450.00			1	1,700.00	3	4,300.00			1	1,000.00		300.00	1	300.00	13	21,050.00
Mechanical Engineering.....	2	6,000.00			1	1,800.00			1	1,300.00	2	1,500.00	1	1,600.00			6	10,600.00
Mechanics.....	3	5,500.00									2	600.00					4	6,100.00
Medicine and Clinical.....									2	475.00	2	575.00					5	2,550.00
Medicine.....	1	1,500.00							1	900.00							3	4,600.00
Metallurgy.....	2	3,700.00															1	250.00
Meteorology.....	1	250.00															2	1,950.00
Military Science and Tactics.....	1	450.00									1	1,500.00					5	4,550.00
Mine Engineering.....	1	2,000.00					1	1,800.00							3	750.00	1	2,000.00
Mineralogy.....							1	2,000.00									3	1,200.00
Obstetrics.....	2	800.00									1	400.00					11	11,935.00
Pathology and Bacteriology.....	2	5,500.00						2,000.00	5	4,425.00	3	1,710.00			1	300.00	4	5,380.00
Pharmacy.....	1	2,750.00					1	1,500.00							2	630.00	3	7,000.00
Philosophy.....	2	5,500.00					1	1,600.00			1	1,000.00					9	12,930.00
Physical Education.....	2	5,500.00					1	2,400.00	3	3,900.00	3	1,221.33	3	900.00	2	600.00	15	21,621.33
Physics.....	5	13,200.00					1	1,500.00			5	1,400.00					9	8,225.00
Physiology.....	1	2,750.00			1	1,800.00	1	2,500.00	2	2,100.00					2	250.00	2	5,000.00
Physiology—Medicine.....																	3	4,800.00
Political Science.....	2	5,000.00					1	1,500.00									12	14,850.00
Principles and Practice of Education.....	1	1,500.00			1	1,800.00	1	1,500.00					2	600.00			13	17,100.00
Psychology.....	1	3,500.00					2	2,850.00	5	6,850.00	2	1,050.00	4	1,200.00			4	6,283.75
Romance Languages.....	3	7,500.00					3	4,800.00							1	183.75	4	4,425.00
Rural Economics.....	1	2,500.00					2	3,600.00			1	300.00					2	800.00
School Administration.....	2	3,250.00					1	875.00			1	400.00					2	2,200.00
Surgery.....									1	400.00							9	17,800.00
Therapeutics.....							1	1,750.00							1	450.00	14	15,100.00
Veterinary Medicine.....	3	9,500.00					3	5,450.00	1	1,350.00	2	1,500.00						
Zoology and Entomology.....	1	3,500.00			1	1,800.00	3	5,300.00	1	1,200.00	2	1,500.00	6	1,800.00				
Totals.....	115	\$ 277,570.00	1	\$ 1,250.00	7	\$ 12,625.00	69	\$ 118,875.00	104	\$ 110,426.00	69	\$ 39,565.14	53	\$ 15,130.00	43	\$ 8,119.41	461	\$ 583,560.55
Summer School.....	45	\$ 14,775.00			1	\$ 350.00	20	\$ 5,815.00	13	\$ 2,655.00	11	\$ 1,350.00	2	\$ 175.00			92	\$ 25,120.00
Winter Course in Agriculture.....									5	1,600.00							5	1,600.00
Totals.....	45	\$ 14,775.00			1	\$ 350.00	20	\$ 5,815.00	18	\$ 4,255.00	11	\$ 1,350.00	2	\$ 175.00			97	\$ 26,720.00



## DEPARTMENTAL SALARIES—INSTRUCTION—Concluded

Schedule C-5 Concluded

DEANS	Professors		Emeritus Professor		Associate Professors		Assistant Professors		Instructors		Assistants		Graduate Assistants		Student Assistants		Totals	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount
College of Agriculture .....	1	\$ 3,200.00															1	\$ 3,200.00
College of Arts .....	1	4,000.00															1	4,000.00
College of Dentistry .....	1	3,500.00															1	3,500.00
College of Education .....	1	4,000.00															1	4,000.00
College of Engineering .....	1	250.00		(Acting)													1	250.00
College of Law .....	1	5,000.00															1	5,000.00
College of Medicine .....	1	2,000.00		(Acting)													1	2,000.00
College of Medicine .....	1	2,500.00															1	2,500.00
College of Homeopathic Medicine .....	1	3,000.00															1	3,000.00
College of Pharmacy .....	1	* 1,250.00															1	1,250.00
College of Veterinary Medicine .....	1	4,000.00															1	4,000.00
Graduate School .....	1	4,000.00															1	4,000.00
Totals .....	12	\$ 36,700.00															12	\$ 36,700.00

†Absent on leave, 1915-1916.

\*1 absent on leave one semester.

NOTE.—All Deans carry instructional work.

12 absent on leave one semester.

(1) one part time.

(2) two part time.

(3) three part time.

(4) four part time.

## CASH RECEIPTS AND DISBURSEMENTS

## FOR ALL PURPOSES DURING THE YEAR

Cash Receipts from general sources .....	\$1,955,702 54	
Cash Receipts from securities.....	12,252 85	
Total Cash Receipts .....		\$1,967,955 39
Cash Disbursements .. .....	\$1,652,454 52	
Income from securities paid to the State Treasurer and..		
added to principal .....	12,252 85	
Funds paid to State Treasurer and not available for O. S. U.	224,726 75	
Total Cash Disbursements .....		\$1,889,434 12
Excess of Receipts .....		78,521 27
Cash balance at beginning of year .....		100,876 44
Cash balance at the end of year .....		\$179,397 71

## CASH BALANCE

## AT END OF YEAR

Cash deposits at Banks:

*(Details as to cash for immediate use and for investment).*

The State Treasurer for general purposes..... \$179,397 71

Cash at offices:

*(Details as to cash for immediate use and for investment).*

Cash balance as above ..... \$179,397 71



## BALANCE SHEET

SHOWING A COMPARISON OF ASSETS AND LIABILITIES AT THE END OF THE YEARS, JUNE 30, 1910, 1911, 1912, 1913, 1914, 1915 AND 1916

ASSETS	June 30, 1910	June 30, 1911	June 30, 1912	June 30, 1913	June 30, 1914	June 30, 1915	June 30, 1916
<b>CURRENT ASSETS</b>							
Cash in banks and on hand for current expenses .....	\$9,693 70	9,476 16	\$11,019 72	\$9,166 14	\$39,491 56	100,876 44	\$ 179,397 71
Accounts Receivable .....		450 00	453 00	453 00	454 00	454 00	454 00
Auditor of State, Special Appropriations .....	387,315 30	412,949 46	404,316 01	478,989 52	383,874 36	114,740 90	156,400 33
Store Room (supplies per inventory) .....	8,703 68	17,948 09	24,912 31	55,554 00	60,264 71	88,446 72	108,474 61
<b>Total Current Assets</b> .....	<b>\$405,712 68</b>	<b>\$440,823 71</b>	<b>\$440,701 04</b>	<b>\$544,162 06</b>	<b>\$484,084 63</b>	<b>\$304,518 06</b>	<b>\$ 444,726 65</b>
<b>INVESTMENT ASSETS AT END OF YEAR</b>							
Securities, State Treasurer (irreducible debt of state) .....	923,894 10	933,318 93	950,337 00	972,230 35	985,070 40	997,005 19	1,009,258 08
<b>Total Investment Assets</b> .....	<b>923,894 10</b>	<b>933,318 93</b>	<b>950,337 00</b>	<b>972,230 35</b>	<b>985,070 40</b>	<b>997,005 19</b>	<b>1,009,258 08</b>
<b>EDUCATIONAL PLANT, LANDS, BUILDINGS AND EQUIPMENT</b>							
Balance at beginning of year .....	3,798,884 84	4,060,708 22	4,250,791 06	4,490,019 04	4,708,609 05	5,071,365 01	5,630,482 65
Additions during year .....	261,823 38	190,082 84	239,227 98	213,262 46	362,755 96	559,117 64	344,645 18
<b>Total Educational Plant</b> .....	<b>4,060,708 22</b>	<b>4,250,791 06</b>	<b>4,490,019 04</b>	<b>4,703,281 50</b>	<b>5,071,365 01</b>	<b>5,630,482 65</b>	<b>5,975,127 83</b>
<b>Total Assets</b> .....	<b>5,390,315 00</b>	<b>\$5,624,933 70</b>	<b>5,881,057 08</b>	<b>6,219,674 51</b>	<b>6,540,520 04</b>	<b>6,932,005 90</b>	<b>7,429,112 56</b>
<b>LIABILITIES</b>							
<b>CURRENT LIABILITIES</b>							
Special State Appropriations .....	387,315 30	412,949 46	404,316 01	478,989 52	383,874 36	114,740 90	156,499 33
Other Current Liabilities .....							
<b>Total Current Liabilities</b> .....	<b>387,315 30</b>	<b>412,949 46</b>	<b>404,316 01</b>	<b>478,989 52</b>	<b>383,874 36</b>	<b>114,740 90</b>	<b>156,499 33</b>
<b>ENDOWMENT FUNDS AT END OF YEAR</b>							
Endowment Capital Accounts:							
Funds for General Purposes, Invested .....	858,690 23	867,687 62	883,785 91	903,370 99	914,710 01	926,161 35	935,158 19
Funds for designated Purposes, Invested .....	65,203 87	65,631 31	66,551 09	68,859 36	70,360 39	70,843 84	74,099 89
<b>Total Liabilities, Endowment Funds</b> .....	<b>923,894 10</b>	<b>933,318 93</b>	<b>950,337 00</b>	<b>972,230 35</b>	<b>985,070 40</b>	<b>997,005 19</b>	<b>1,009,258 08</b>
<b>EDUCATIONAL PLANT, DEBT AND CAPITAL ACCOUNT</b>							
Bonds or Mortgages against Plant .....	80,000 00	55,000 00	30,000 00				
Investment or Capital Account .....	3,999,105 60	4,223,665 31	4,496,404 07	4,768,454 64	5,171,575 28	5,820,259 81	6,263,454 15
<b>Total Educational Plant</b> .....	<b>4,079,105 60</b>	<b>4,278,665 31</b>	<b>4,526,404 07</b>	<b>4,768,454 64</b>	<b>5,171,575 28</b>	<b>5,820,259 81</b>	<b>6,293,454 15</b>
<b>Total Liabilities</b> .....	<b>\$5,390,315 00</b>	<b>5,624,933 70</b>	<b>5,881,057 08</b>	<b>6,219,674 51</b>	<b>6,540,520 04</b>	<b>6,932,005 90</b>	<b>7,429,112 56</b>

Schedule F

## ACCOUNTS RECEIVABLE

## MISCELLANEOUS:

(Details)

Columbus Water Works—Meter Deposits..... \$ 450 00

Columbus Police Department (Deposit)..... 4 00

TOTAL Schedule D..... \$ 454 00

Schedule G

## SECURITIES, BONDS, STOCKS AND REAL ESTATE MORTGAGES

DESCRIPTION	Balance at Beginning of Year	Purchase or Other Additions during Year	Total	Sales during Year	Balance at End of Year	Interest Received	Added to Invest- ments during Year
INVESTMENTS: Sec. 7951 G. C. Irreducible debt of State .....	\$997,005 19	\$12,252 89	\$1,009,258 08	.....	\$1,009,258 08	\$60,135 89	\$292 35
Totals .....	\$997,005 19	\$12,252 89	\$1,009,258 08	.....	\$1,009,258 08	\$60,135 89	\$292 35
Total Schedule D .....					\$1,009,258 08		

Schedule H

## ADDITIONS TO LANDS, BUILDINGS AND EQUIPMENT

## ADDITIONS TO LANDS:

(Details, Schedule I.)

Cluster Lights..... \$ 969 47  
 Fire Protection ..... 1,596 29  
 Grading, Planting, Roads, Walks, etc ..... 32,348 92  
 Railway ..... 236 86  
 Sewers ..... 567 50

## ADDITIONS TO BUILDINGS:

(Details, Schedule I.) ..... 189,533 43

## EQUIPMENT:

(Details, Schedule I.) ..... 132,284 71

Total during year..... \$ 357,537 18



## EDUCATIONAL PLANT: LANDS, BUILDINGS AND EQUIPMENT

Schedule 1

ACCOUNT	Balance at Beginning of Year Cost	Expended during Year Cost	Gifts and Additions during Year Value	Total	Sales and Other Dis- positions during Year Cost	Balance at End of Year Cost
UNIVERSITY SITE, CAMPUS, GROUNDS, ETC.						
331.11 acres, purchased 1871, cost .....	\$117,508 00					
12.14 acres, purchased 1879, cost .....	607 00					
93.59 acres, purchased 1906, cost .....	39,139 11					
14.00 acres, purchased 1911, cost .....	7,500 00					
132.04 acres, purchased 1914, cost .....	56,000 00					
582 88 acres, cost .....	\$220,754 11					
3 City Lots—Park St.—Gift 1915.....	10,800 00					
3 City Lots—State St.—Gift 1915.....	27,000 00					
	\$ 37,800 00					
Appraised Value(\$1,537,800 00).....	\$1,641,300 00			\$1,641,300 00		\$1,641,300 00
CLUSTER LIGHTS.....	4,869 04	\$ 969 47		5,838 51		5,838 51
FIRE PROTECTION .....	14,089 85	1,596 29		15,686 14		15,686 14
GRADING, PLANTING, ROADS, WALKS, ETC.....	70,239 94	32,348 92		102,588 86		102,588 86
SEWERS.....	17,792 49	567 50		18,359 99		18,359 99
RAILWAY .....	50,064 71	236 86		50,301 57		50,301 57
BUILDINGS .....						
Armory and Gymnasium.....	115,000 00			115,000 00		15,000 00
Biological Building.....	55,000 00			55,000 00		55,000 00
Boiler House .....	47,937 17			47,937 17		47,937 17
Botanical Building.....	15,000 00			15,000 00		15,000 00
Botany and Zoology Building .....	127,363 06	4,792 06		132,155 12		132,155 12
Brown Hall.....	75,000 00			75,000 00		75,000 00
Cattle Building.....	35,000 00			35,000 00		35,000 00
Chemistry Building.....	110,367 00	2,373 00		112,740 00		112,740 00
Emerson McMillan Observatory .....	16,000 00			16,000 00		16,000 00
Farm Buildings (Five).....	5,000 00			5,000 00		5,000 00
Hayes Hall .....	55,000 00			55,000 00		55,000 00
*Homeopathic Hospital.....	6,387 00			6,387 00		6,387 00
Homeopathic Hospital (New) .....		32,372 31		32,372 31		32,372 31

\* Formerly Dormitory. Small (Boys).

# EDUCATIONAL PLANT: LANDS, BUILDINGS AND EQUIPMENT—Continued

ACCOUNT	Balance at Beginning of Year Cost	Expended during Year Cost	Gifts and Additions During Year Value	Total	Sales and Other Dis- positions during Year Cost	Balance at End of Year Cost
Home Economics Building.....	\$ 405 42	73,927 64	.....	\$ 74,333 06	.....	\$ 74,333 06
Horticulture and Forestry Building.....	150,706 06	9,347 73	.....	160,053 79	.....	160,053 79
Horse Building.....	25,000 00	.....	.....	25,000 00	.....	25,000 00
Judging Pavilion.....	20,000 00	.....	.....	20,000 00	.....	20,000 00
Lake Laboratory.....	2,500 00	.....	.....	2,500 00	.....	2,500 00
Library Building.....	305,057 80	.....	.....	305,057 80	.....	305,057 80
Lord Hall.....	85,023 52	.....	.....	85,023 52	.....	85,023 52
New Shops Building.....	15 91	51,034 66	.....	51,050 57	.....	51,050 57
*Ohio Union.....	78,698 95	.....	.....	78,698 95	.....	78,698 95
Orton Hall.....	100,000 00	.....	.....	100,000 00	.....	100,000 00
Oxley Hall (Girls Dormitory).....	66,490 85	.....	.....	66,490 85	.....	66,490 85
Page Hall (Law).....	100,000 00	.....	.....	100,000 00	.....	100,000 00
Park Street Building.....	80,088 00	1,995 00	.....	82,083 00	.....	82,083 00
Physics Building.....	121,797 10	197 45	.....	121,994 95	.....	121,994 95
Poultry Building.....	5,199 51	.....	.....	5,199 51	.....	5,199 51
Power House.....	24,290 02	.....	.....	24,290 02	.....	24,290 02
Residences (Five).....	27,000 00	.....	.....	27,000 00	.....	27,000 00
Robinson Laboratory.....	75,333 00	.....	.....	75,333 00	.....	75,333 00
†Service Building.....	33,822 64	.....	.....	33,822 64	.....	33,822 64
Small Animal Building.....	.....	3,992 44	.....	3,992 44	.....	3,992 44
State Street Dispensary.....	23,769 12	.....	.....	23,769 12	.....	23,769 12
State Street Laundry and Stable.....	4,000 00	.....	.....	4,000 00	.....	4,000 00
State Street Main Building.....	78,760 00	.....	.....	78,760 00	.....	78,760 00
Storage Building.....	10,245 00	.....	.....	10,245 00	.....	10,245 00
Tool Shed.....	1,000 00	.....	.....	1,000 00	.....	1,000 00
Townshend Hall.....	110,000 00	.....	.....	110,000 00	.....	110,000 00
University Hall.....	139,625 00	9,501 14	.....	149,126 14	.....	149,126 00
Veterinary Clinic Building.....	89,275 06	.....	.....	89,275 06	.....	4,000 00
Veterinary Laboratory.....	35,000 00	.....	.....	35,000 00	.....	35,000 00
Total Buildings.....	\$2,456,157 19	\$ 189,533 43	.....	\$2,645,690 62	.....	\$2,645,690 62
Total Lands and Buildings.....	\$4,254,513 22	\$ 225,252 47	.....	\$4,479,765 69	.....	\$4,479,765 69

\*Formerly listed Students' Building.

†Repair Shops, Freight and Kiln Room, Stores and Receiving, combined and called Service Building.



EDUCATIONAL PLANT: LANDS, BUILDINGS AND EQUIPMENT—Continued

ACCOUNT	Balance at Beginning of Year Cost	Expended during Year Cost	Gifts and Additions during Year Value	Total	Sales and Other Dis- positions during Year Cost	Balance at End of Year Cost
EQUIPMENT: DEPARTMENTS—						
Agricultural Chemistry .....	\$ 10,001 35	\$ 655 28		\$ 10,656 63	\$ 91 30	\$ 10,565 33
Agricultural Engineering .....	423 83	648 72	2,418 34	3,490 89	603 23	2,887 66
Agronomy .....	9,228 61	437 08		9,665 69	5,799 69	3,866 00
American History .....	930 93	83 77		1,014 70		1,014 70
Anatomy .....		954 39		954 39		954 39
Animal Husbandry .....	32,739 63	4,556 12		37,295 75	12,312 28	24,983 47
Architecture .....	7,877 71	1,468 49		9,346 20		9,346 20
Art .....	2,781 52	1,073 31	77 67	3,932 50	118 07	3,814 43
Astronomy .....	19,248 52	588 61	480 54	20,317 67	28 61	20,289 06
Bacteriology .....	6,673 23	789 17	42 75	7,505 15	328 17	7,176 98
Biblical History and Literature .....		54 80		54 80		54 80
Botany .....	16,806 95	4,601 96	151 22	21,560 13		21,560 13
Ceramic Engineering .....	13,693 21	630 85	5 65	14,329 71		14,329 71
Chemistry .....	14,727 87	1,617 56		16,345 43	224 44	16,120 99
Chemistry-Medicine .....		665 81		665 81		665 81
Civil Engineering .....	17,206 34	989 00	14 60	18,209 94		18,209 94
Dairying .....	17,311 86	1,662 81	1,120 80	20,095 47		20,095 47
Dentistry .....	6,547 70	1,216 51	17 35	7,781 56		7,781 56
Dispensaries .....		281 03		281 03		281 03
Economics and Sociology .....	1,309 18	340 39	32 00	1,681 57		1,681 57
Electrical Engineering .....	37,480 75	1,327 85		38,808 60	1,105 52	37,703 08
Engineering Drawing .....	7,574 02	494 28		8,068 30		8,068 30
English .....	590 34	26 95		617 29		617 29
European History .....	798 38	180 20		978 58		978 58
Farm Crops .....		73 62	3,381 35	3,454 97		3,454 97
Forestry .....	4,591 40	1,720 74	33 75	6,345 89		6,345 89
Geology .....	27,101 38	1,012 10		28,113 48	1 45	28,112 03
German .....	588 11	264 03		852 14		852 14
Greek .....	657 45	190 55		857 00		857 00
History and Philosophy of Education .....	256 27	83 31		339 58		339 58

EDUCATIONAL PLANT: LANDS, BUILDINGS AND EQUIPMENT—Continued

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ACCOUNT	Balance at Beginning of Year Cost	Expended during Year Cost	Gifts and Additions during Year Value	Total	Sales and Other Dis- positions during Year Cost	Balance at End of Year Cost
Home Economics .....	\$ 5,016 65	\$ 573 27	\$ 60	\$ 5,590 52		\$ 5,590 52
Homeopathic Medicine .....	3,176 70	2,453 65		5,630 35	100 01	5,530 34
Homeopathic Hospital .....	4,102 95	1,474 70		5,577 65	21 93	5,555 72
Horticulture .....	4,237 98	5,655 26	10 94	9,904 18		9,904 18
Hospitals .....		1,640 97		1,640 97		1,640 97
Industrial Arts .....	28,782 29	957 36	14 20	29,753 85		29,753 85
Journalism .....	7,794 87	1,548 60	147 46	9,490 93		9,490 93
Latin .....	594 80	94 93		689 73		685 32
Law .....	5,445 71	129 38		5,575 09	4 41	5,575 09
Manual Training .....	518 74	727 82		1,246 56	72	1,245 84
Mathematics .....	924 53	464 31		1,388 84	36	1,388 48
Mechanical Engineering .....	69,155 98	1,429 27	826 30	71,411 55	408 58	71,002 97
Mechanics .....	784 75	103 30		888 05		888 05
Medicine—General .....	23,671 02	838 40		24,509 42		24,509 42
Medicine and Clinical Medicine .....		128 03		128 03		128 03
Metallurgy .....	13,276 77	707 50		13,984 27		13,984 27
Military Science and Tactics .....	2,759 56	307 12	130 00	3,196 68		3,196 68
Mine Engineering .....	10,907 71	559 89		11,467 60	17 00	11,450 60
Mineralogy .....	616 73	374 34		991 07		991 07
Obstetrics .....		37 00		37 00		37 00
Optometry .....		857 20	2 91	860 11		860 11
Pathology .....		501 60		501 60		501 60
Pharmacy .....	3,374 31	9 48		3,383 79	20 63	3,363 16
Philosophy .....	161 58	113 47		275 05	23	274 82
Physical Education .....	7,879 54	4,189 91		12,069 45	11 60	12,057 85
Physics .....	36,924 61	3,176 04		40,100 65		40,100 65
Physiology .....	7,869 73	496 86		8,366 59		8,366 59
Physiology—Medicine .....		580 88		580 88		580 88
Political Science .....	182 43			182 43		182 43
Principles and Practice of Education .....	62 54	19 82		82 36		82 36
Psychology .....	2,814 61	874 28		3,688 89		3,688 89
Public Health .....		14 70		14 70		14 70

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# EDUCATIONAL PLANT: LANDS, BUILDINGS AND EQUIPMENT—Concluded

ACCOUNT	Balance at Beginning of Year Cost	Expended during Year Cost	Gifts and Additions during Year Value	Total	Sales and Other Dis- positions during Year Cost	Balance at End of Year Cost
Romance Languages .....	521 39	219 76		741 15		741 15
Rural Economics .....	11,218 36	1,275 52		12,493 88		12,493 88
School Administration .....	437 50	55 95	27 24	520 69		520 69
Surgery .....		380 87		380 87		380 87
Surgical Specialties .....		48 13		48 13		48 13
Veterinary Medicine .....	23,914 33	356 07		24,270 40		24,270 40
Zoology and Entomology .....	28,435 41	5,074 27		33,509 68		33,509 68
Library .....	368,590 79	27,101 82	2,551 00	398,243 61	2,782 70	395,460 91
Library—Brown Hall .....	477 05			477 05		477 05
Summer School .....	393 09			393 09		393 09
Archaeology .....	6,498 00			6,498 00		6,498 00
Agricultural Extension .....	8,477 84	2,692 13		11,169 97	165 06	11,004 91
Dean of Women .....	1,157 40	41 85		1,199 25		1,199 25
University Architect .....	288 18	24 92		313 10		313 10
General Offices, Recitation Rooms and Laboratories .....	35,370 57	6,184 93		41,555 50		41,555 50
Stores and Receiving Department .....	5,503 34	2,202 20		7,705 54		7,705 54
Laboratory Supply Store .....	35,910 23	2,979 80		38,890 03		38,890 03
Light, Heat and Power .....	331,227 89	23,063 48		354,291 37		354,291 37
Roads and Grounds .....	4,964 40	301 37		5,265 77		5,265 77
Oxley Hall .....	11,505 77	539 83		12,045 60		12,045 60
Laundry .....	2,661 58	4 18		2,665 76		2,665 76
Small Dormitory—Men .....	232 68			232 68	232 68	
Total Equipment .....	\$1,375,969 43	\$132,284 71	\$11,486 67	\$1,519,740 81	\$24,378 67	\$1,495,362 14
Grand Total; Lands, Buildings and Equipment, Schedule D.	\$5,630,482 65	\$357,537 18	\$11,486 67	\$5,999,506 50	\$24,378 67	\$5,975,127 83

## ENDOWMENT FUNDS FOR GENERAL PURPOSES

Schedule J

NAME AND DESCRIPTION OF FUNDS	Total Principal and Additions Received to Beginning of Year	Received during Year		Total	Income Expended during Year	Total Principal and Additions at End of Year
		Gifts and Other Additions	Income (from State)			
<b>Original Endowment</b> .....	\$524,176 50		\$31,450 59	\$555,627 09	\$31,450 59	\$524,176 50
Land Grant. Act of Congress July 2, 1862. Total amount derived from sale of 629,920 acres of land scrip, \$342,450.50 Accumulation added (state) \$181,725.70.						
<b>Virginia Military Lands</b> .....	184,553 51	\$ 8,996 84	11,344 25	204,894 60	11,344 25	193,550 35
Ceded to State by an Act of Congress Feb. 18, 1871. Act of General Assembly, March 26, 1872, accepted said grant and con- veyed the lands to the Trustees of the Ohio Agricultural and Mechanical College for the bene- fit of that institution. Subsequent acts, April 3, 1873, and March 14, 1889.						
<b>Henry Folsom Page</b> .....	217,431 34		13,045 88	230,477 22	13,045 88	217,431 34
A bequest left by him Oct. 27, 1891, and ratified, by his wife and daughter, the entire estate to be disposed of and proceeds paid to State Treasurer in accordance with Sec. 7951, G. C., the dispo- sition of income to be left entirely to the discretion of the Board of Trustees.						
<b>Totals</b> .....	\$926,161 35	\$ 8,996 84	\$55,840 72	\$990,998 91	\$55,840 72	\$935,158 19
Funds expended on teaching, etc., by placed to credit of in- come and Auditor of State . . . .					\$55,840 72	
Total endowment fund for gen- eral purposes at end of year (irre- ducible debt of State) <i>Schedule D.</i>						\$935,158 19



## Schedule K

## ENDOWMENT FUNDS FOR DESIGNATED PURPOSES

NAME AND DESCRIPTION OF FUNDS	Total Principal and Additions Received to Beginning of Year	Received during Year		Total	Income Expended during Year	Total Principal and Additions at End of Year
		Gifts and Other Additions	Income (from State)			
<b>William J. Bryan Prize Fund</b> ..... This fund of \$250.00 was given by Mr. Bryan July 20, 1898, and invested in accordance with Sec. 7951, G. C., the income to be used as a prize for the best essay on "The Principles Which Underlie Our Form of Government." In any year when no prize is awarded, the income shall be added to the principal.	\$ 641 46		\$ 39 06	\$ 680 52		\$ 680 52
<b>Stillman W. Robinson Fellowship Fund</b> .. Established January 28, 1903, by a gift of \$5,000.00 from Prof. Robinson, and invested in accordance with Sec. 7951, G. C. An additional gift of \$1,850.00 was received July 20, 1909, and likewise invested, the income to be used in maintaining a Fellowship in the Engineering College.	9,986 80		599 20	10,586 00	599 20	9,986 8
<b>C. Newton Brown Scholarship Fund</b> ..... This fund was created May 18, 1903, by the payment of \$1000.00 received from former students of Prof. Brown and invested in accordance with Sec. 7951, G. C. An additional amount of \$92.09 was received December 1, 1904, and likewise invested. The income to be invested in accordance with Sec. 7972, G. C. until the principal is sufficient to maintain a scholarship in the department of Civil Engineering	2,219 03		135 14	2,354 17		2,35 10
<b>J. McLain Smith Scholarship Fund</b> ..... A bequest left by him September 27, 1905, the entire estate to be sold and proceeds paid to State Treasurer in accordance with Sec. 7951, G. C. The income to be used by the Board of Trustees in assisting worthy young men and young women in attaining an education.	25,450 12	155 00	1,534 30	27,139 42	1,534 30	25,605 17
<b>Joseph H. Outhwaite Library Fund</b> ..... September 28, 1908 a gift of \$2,000.00 was received from Mrs. Outhwaite in memory of the late Dean Outhwaite and invested in accordance with Sec. 7951, G. C., the income to be used for the purchase of books relating to the Civil War.	2,000 00		120 00	2,120 00	120 00	2,000 00
Forward .....	\$40,297 41	\$155 00	\$2,427 70	\$42,880 11	\$2,253 50	\$40,626 61

Schedule K—Continued

## ENDOWMENT FUNDS FOR DESIGNATED PURPOSES—Continued

NAME AND DESCRIPTION OF FUNDS	Total Principal and Additions Received to Beginning of Year	Received during year		Total	Income Expended during Year	Total Principal and Additions at End of Year
		Gifts and Other Additions	Income (from State)			
Brought Forward.....	\$40,297 41	\$155 00	\$2,427 70	\$42,880 11	\$2,253 50	\$40,626 61
Derby Scholarship Fund..... This fund was established November 23, 1908, by a gift of \$500.00 from Prof. Samuel C. Derby and invested in accordance with Sec. 7951, G. C., the income to be added to the principal in accordance with Sec. 7972 G. C. until the annual income shall be at least \$300.00. The said income to be used in maintaining the Derby Scholarship.	1,781 15	.....	108 47	1,889 62	.....	1,889 62
Frederick C. Clark Library Fund..... Established November 23, 1908, by a gift of \$2,900.00 from Mrs. Clark, in memory of the late Prof. F. C. Clark and invested in accordance with Sec. 7951, G. C., the income to be used for the purchase of books in the field of Economics	2,000 00	.....	120 00	2,120 00	120 00	2,000 00
Robert P. Scott Student Aid Fund .... Established by a gift of \$25,000.00 from Robert P. Scott, January 2, 1909, and invested in accordance with Sec. 7951 G. C., the income to be used in assisting worthy and needy students.	25,271 50	.....	1,522 17	26,793 67	1,516 62	25,277 05
Siebert Library of German History .... A bequest left by William Siebert, March 23, 1898, consisting of his library on German History and Science. This library has been added to by books purchased from gifts of his brothers, Louis and John Siebert, June 6, 1913, by Board action, \$750.00 of the Siebert fund was transferred from the Ohio State University Treasury to the State Treasury to be invested in accordance with Sec. 7951, G. C., the income to be used for the purchase of books on German history.	875 50	100 00	57 35	1,032 85	57 35	975 50
Nathaniel R. Coleman Library of Medical Literature..... A gift from his wife Sarah J. Coleman, Nov. 15, 1913, consisting of 538 volumes of the late Nathaniel R. Coleman, with a few additional rare volumes. Also \$500.00 to be invested in accordance with Sec. 7951, G. C., the income to be used for the purchase of books on medicine.	550 45	.....	33 02	583 47	33 02	550 45
Class of 1886, Sword Fund..... Gift of January 1, 1911.	67 83	.....	4 13	71 96	.....	71 96
Forward.....	\$70,843 84	\$255 00	\$4,272 84	\$75,371 68	\$3,980 49	\$71,391 16



Schedule K—Concluded

## ENDOWMENT FUNDS FOR DESIGNATED PURPOSES—Concluded

NAME AND DESCRIPTION OF FUNDS	Total Principal and Additions Received to Beginning of Year	Received during year		Total	Income Expended During Year	Total Principal and Additions at End of Year
		Gifts and Other Additions	Income (from State)			
Brought Forward .....	\$70,843 84	\$255 00	\$4,272 44	\$75,371 68	\$3,980 49	\$71,391 19
J. G. Battelle Military Prize Fund .....		\$1,000 00	\$ 22 33	\$1,022 33	\$ 22 33	\$1,000 00
This fund was established February 15, 1916, by a gift of \$1,000 from Mr. J. G. Battelle, and invested in accordance with Sec. 7951, G. C., the income to be used as a yearly prize for officers in the cadet regiments for the best solution of a military map problem						
Senior Class Student Aid Fund .....		1,708 70	.....	1,708 70	.....	1,708 70
This fund was created June 30, 1916, by the payment of \$1,708.70, being \$1,021.70 from the Class of 1915, and \$687.00 from the Class of 1916, and invested in accordance with Sec. 7951, G. C., the income to be used in assisting worthy and needy students.						
Totals .....	\$70,843 84	\$2,963 70	\$4,295 17	\$78,102 71	\$4,002 82	\$74,099 89
Total funds for designated purposes at end of year (irreducible debt of state), Schedule D .....						\$74,099 89

## STATE AID—SPECIAL APPROPRIATION

TITLE OR DESCRIPTION	Balance at Beginning of Year	Appropriated During Year	Cancelled Checks Pre- vious to July 1, 1915	Lapsed in Error in 1914-1915	Total	Requisitions During Year	Cancelled	Balance at End of Year
House Bill 47:								
Maintenance .....	\$ 4,818.78		\$ 37.23		\$ 4,856.01		\$4,856.01	
House Bill 314:								
Personal Service .....	14,796.61		44.05		14,840.66	\$ 14,609.59	231.07	
Maintenance .....	87,824.99		22.08	\$2,575.55	90,422.62	85,716.41		\$ 4,706.21
House Bill 314, Agricul- tural Extension:								
Personal Service .....	260.00				260.00	260.00		
Maintenance .....	5,135.19				5,135.19	2,243.72		2,891.47
House Bill 721:								
Sundry .....	1,905.33				1,905.33	1,900.92		4.41
House Bill 701:								
Personal Service .....		\$ 851,320.50			851,320.50	831,530.65		19,789.85
Maintenance .....		517,338.15			517,338.15	407,677.28		109,660.87
House Bill 701, Agricul- tural Extension:								
Personal Service .....		55,917.00			55,917.00	48,867.41	63.00	6,986.59
Maintenance .....		37,530.50			37,520.50	25,169.57		12,360.93
Total .....	\$114,740.90	\$1,462,106.15	\$103.36	\$2,575.45	\$1,579,525.96	\$1,417,975.55	\$5,150.08	\$156,400.33



## OXLEY HALL

## RECEIPTS AND DISBURSEMENTS—SUPPLEMENTAL

## RECEIPTS—

Balance July 1, 1914.....		\$ 10,119 99
Rooms.....	\$ 5,102 50	
Board .....	12,915 48	
Guests.....	296 00	
Meals to Rooms.....	30	
Laundry .....	143 13	
Miscellaneous.....	3,526 79	
Total Receipts.....		21,984 20
Total receipts and balance .....		\$ 32,104 19

## DISBURSEMENTS—

Salary, Superintendent .....	\$ 1,100 00	
Salary, Secretary.....	685 00	
Employes and Extra Labor.....	3,584 50	
Stationery and Office Supplies.....	18 73	
Incidentals.....	207 62	
Food Supplies.....	13,099 49	
Material and General Supplies.....	897 38	
Freight and Cartage.....	21 78	
Repairs— Furniture and Fixtures.....	35 02	
Telephone and Telegraph .....	114 98	
Water.....	262 80	
Gas .....	335 64	
Electricity .....	697 86	
Furnitures and Fixtures.....	493 67	
Total Expenditures.....		\$ 21,600 61
Balance June 30, 1915.....		\$ 10,503 58

## COMPARATIVE STATEMENT OF INCOME AND EXPENDITURES—For Six Years Ended June 30, 1915

Schedule N

INCOME	Year Ended June 30, 1910	Year Ended June 30, 1911	Year Ended June 30, 1912	Year Ended June 30, 1913	Year Ended June 30, 1914	Year Ended June 30, 1915	Year Ended June 30, 1915	Total for Seven Years Ended June 30, 1916
Cash Balance at Beginning of Year	\$18,687.09	\$ 9,693.70	\$ 9,476.16	\$ 11,019.72	\$ 9,166.14	\$ 39,491.56	\$ 100,876.44	\$ 198,410.81
INCOME FROM STUDENTS: (Tuition, incident- al and laboratory fees—Sch. B-2).								
Arts	\$15,419.50	\$17,104.00	\$17,575.50	\$17,703.00	\$ 22,859.50	\$ 29,668.50	\$ 34,629.00	\$154,959.00
Arts—Education							2,927.00	2,927.00
Agriculture	10,269.50	17,774.45	25,081.50	29,633.00	33,385.50	29,368.00	29,745.00	175,256.95
Agriculture— 3 year course						2,911.00	3,800.00	6,711.00
Dentistry						1,029.00	951.00	1,980.00
Education	1,111.00	1,429.00	2,294.50	2,978.50	4,180.00	8,856.50	15,650.00	34,102.50
Engineering	20,719.50	22,950.25	21,436.00	21,159.00	24,093.00	25,328.50	26,666.50	162,352.75
Homeopathic Med.						5,687.50	2,890.50	8,578.00
Law	10,247.50	9,418.00	10,322.50	10,762.00	10,251.00	11,716.50	9,015.50	71,733.00
Medicine						34,341.00	18,300.00	52,641.00
Optometry							1,135.00	1,135.00
Pharmacy	1,873.50	2,423.00	2,686.50	2,466.00	2,525.00	2,736.00	2,781.50	17,491.50
Veterinary Medic.	4,337.50	5,718.00	4,704.00	4,719.50	4,607.00	5,297.00	4,706.00	34,089.00
Summer School	4,390.32	728.80	4,787.00	5,016.00	5,892.00	7,430.00	8,356.00	36,600.12
Graduate School			1,361.90	1,287.00	1,615.00	2,557.00	2,658.00	9,478.00
Fees over paid and non-resident			208.00					208.00
Total tuition, inci- dental and labora- tory fees	68,368.32	77,545.50	90,456.50	95,724.00	109,408.00	185,379.00	\$ 175,199.00	\$ 802,080.32
Special fees, degr., etc. Schedule B-2	2,406.00	2,491.75	3,044.00	3,097.00	3,691.00	4,297.00	5,257.00	24,283.75
For supplies, chemi- cals, laboratory material, etc	17,245.93	19,397.47	23,755.55	24,741.95	27,950.30	29,876.24	49,735.28	192,702.62
For Dormitories— Oxley Hall	16,869.05	14,456.75	17,599.83	18,506.79	16,825.79	17,631.62	21,984.20	123,874.03
For locker rent	2,119.50	2,665.50	2,719.00	2,854.35	2,985.61	2,929.30	3,665.10	19,936.36
Total Income from Students	\$107,008.80	\$116,556.97	\$137,574.78	\$144,924.09	\$160,860.70	\$240,111.16	\$ 255,840.58	\$1,162,877.08
INCOME FROM GRTS. BY NATION, STATE & SPECIAL TAXATION:								
State Aid	692,739.28	684,160.96	653,329.66	775,976.52	969,651.71	1,058,427.69	1,435,024.25	6,369,310.07
Federal Aid	78,495.31	84,168.21	90,011.11	90,855.08	91,538.21	102,179.82	128,282.63	665,530.37
	771,234.59	768,329.17	743,340.77	866,831.60	1,061,189.92	1,160,607.51	1,563,306.80	7,034,840.44



COMPARATIVE STATEMENT OF INCOME AND EXPENDITURES—For Six Years Ended June 30, 1915—Continued

INCOME	Year Ended June 30, 1910	Year Ended June 30, 1911	Year Ended June 30, 1912	Year Ended June 30, 1913	Year Ended June 30, 1914	Year Ended June 30, 1915	Total for Six Years Ended June 30, 1915	Total for Seven Years Ended June 30, 1916
GIFTS FOR CURRENT EXPENSES—Sch. B-1	650.00	3,672.83	200.00	1,479.40	205.50	9,150.00	33,355.00	48,712.73
INCOME FROM OTHER SOURCES—Sch. B-1	32,344.45	32,418.93	33,432.64	41,510.52	44,711.83	71,407.18	103,200.08	359,025.63
TEMPORARY ACC'TS.	984.33	3,633.21	5,934.02	8,563.63	33,585.86	20,441.22		73,142.27
Total Income	912,222.17	924,611.11	1,020,482.21	1,063,309.24	1,300,553.81	1,501,717.07	\$1,955,702.54	\$8,678,598.15
Less funds paid to State Treasurer and not available for S. O. U.								260,323.62
Net Income	\$ 912,222.17	\$ 924,611.11	\$1,020,482.21	1,063,309.24	1,300,553.81	1,501,717.07	\$ 224,726.75	\$8,418,274.53
Total Income and Cash Balance	\$ 930,909.26	\$934,304.81	1,029,958.37	1,074,328.96	1,309,719.95	1,541,208.63	\$1,730,975.79	\$8,616,685.34
							\$1,831,852.23	
EXPENDITURES								
EXPENSE—Depts. (including Salaries)	382,477.40	419,958.70	444,169.15	480,582.49	506,585.04	672,904.88	730,253.39	3,636,931.05
Summer Schools	14,022.55	15,950.04	17,745.99	14,280.22	18,036.34	22,543.91	26,519.20	129,098.25
Winter Course								10,935.50
Lectures	654.26	644.03	641.68	849.65	3,274.86	2,449.15	2,421.87	395.40
Extension Work			145.40	250.00				149,001.90
Library	14,260.59	16,135.09	18,422.63	25,435.00	21,158.13	24,534.92	29,055.54	395,463.32
Special Funds	25,040.47	53,967.80	46,691.04	53,024.03	45,486.96	49,215.23	122,037.79	792,488.58
Administration and General Accounts	82,961.23	79,760.98	87,163.02	102,972.81	115,093.69	130,419.73	194,117.12	811,833.08
Operation & Maintenance of Plant	86,496.48	121,146.96	97,913.77	108,577.37	114,884.54	134,093.88	148,720.08	106,703.22
Dormitories and Dining Halls	15,355.24	12,101.12	14,056.73	13,766.11	13,706.15	16,657.09	21,060.78	88,228.93
Miscellaneous	7,977.13	7,911.34	9,688.35	10,929.39	15,667.12	17,687.46	18,368.14	9,787.70
Int. on Bonded Debt	4,162.50	3,037.50	1,912.50	675.00				
Total Expenses	633,407.85	730,613.56	738,550.26	811,342.07	853,892.83	1,070,506.25	\$1,292,553.91	\$6,130,866.73
EQUIPMENT—(Assets)—Dept's	48,800.75	39,544.24	27,055.08	23,755.23	29,565.23	61,742.40	67,305.20	297,768.22
Summer School	23.30	35.22	9.90	35.00	9.50	63.58		176.50
Library	21,859.10	19,655.23	25,858.65	25,504.51	18,643.34	18,290.23	26,898.81	156,709.87
Special Funds	1,415.09	3,103.20	484.05	1,332.00	333.83	1,274.71	2,716.05	10,659.93
Administration and General Accounts	6,208.29	3,390.37	3,179.66	4,647.00	9,666.79	12,309.11	11,454.70	50,855.92
Equipment of Plant	27,209.05	21,690.88	17,303.80	23,525.97	44,718.38	43,385.10	23,369.03	201,202.21
Dormitories and Dining Halls	1,323.91	423.03	284.59	420.44	534.48	493.67	539.83	4,019.95
Total Equipment	106,839.49	87,842.17	74,175.73	79,220.15	103,471.55	137,558.80	132,284.71	\$ 721,392.60

COMPARATIVE STATEMENT OF INCOME AND EXPENDITURES—For Six Years Ended June 30, 1915—Concluded

INCOME	Year Ended June 30, 1910	Year Ended June 30, 1911	Year Ended June 30, 1912	Year Ended June 30, 1913	Year Ended June 30, 1914	Year Ended June 30, 1915	Year Ended June 30 1916	Total of Seven Years Ended June 30 1916
NEW LANDS .....			7,500.00		56,000.00			\$ 63,500 00
NEW BUILDINGS .....	110,932.10	60,493.75	166,496.03	123,879.17	190,703.96	116,262.85	\$ 175,466 84	944,234 70
ADDITIONS TO BLDGS .....					11,981.94	33,754.13	14,066 59	59,802 66
CLUSTER LIGHTS .....					807.95	3,257.02	969 47	5,034 44
FIRE PROTECTION .....					3,766.88	5,799.49	1,596 29	11,162 66
RAILWAY .....	31,558.79	6,105.96	1,265.26	7,172.15	3,512.59	449.96	236 86	50,301 57
SEWERS .....	12,493.00					111.49	567 50	13,171 99
GRADING, PLANTING, ROADS, WALKS .....	984.33	11,140.00	14.35	4,985.65	8,753.83	13,486.11	32,348 92	71,713 19
BONDS—Redeemed .....	25,000.00	25,000.00	25,000.00	30,000.00				105,000 00
TEMPORARY ACCT'S, REFUNDS AND REIM- BURSEMENTS—State Treasurer .....		3,633.21	5,934.02	8,563.63	33,585.86	23,549.22	2,363 43	77,629 37
DEPOSITS .....			3.00		1.00			4 00
GRACE ACKLAND JANSEN .....					3,750.00			3,750 00
Total Expenditures .....	921,215.56	924,828.65	1,018,938.65	1,065,162.82	1,270,228.39	1,440,332.19	1,652,454 52	8,257,563 91
Cash Bal. at June 30th .....	9,693.70	9,476.16	11,019.72	9,166.14	39,491.56	100,876.44	179,397 71	359,121 43
Total Expenditures and Cash Balance .....	\$930,909.26	\$934,304.81	\$1,029,958.73	\$1,074,328.69	\$1,309,719.95	\$1,541,208.63	1,831,852 23	8,616,685 34



*Schedule O*

## GIFTS FOR GENERAL AND DESIGNATED PURPOSES

NAME AND DESCRIPTION	Amount
Cleveland Pulte Medical College.....	\$30,000.00
A Gift for the construction of a Homeopathic Hospital Building.	
C. F. Kettering and E. A. Deeds.....	2,500.00
A Gift for Homeopathic Research.	
Ralph D. Mershon.....	300.00
A gift for salary of Student Assistant in Military Science.	
Edward Orton, Jr.....	300.00
A gift for salary of a Student Assistant in Military Science.	
Col. J. G. Battelle .....	1,000.00
A gift to Establish an Endowment fund (see Schedule K.)	
John Siebert .....	100.00
An additional gift to the Siebert Library Fund (See Schedule K.)	
Ohio State Memorial Committee.....	1,708.70
A gift of \$1,020.70 from the Class of 1915 and \$687.00 from the class of 1916 for the establishment of an endowment fund for student aid, (Schedule K.)	
Total .....	\$35,908.70

## RETURN OF LOANS—STUDENT AID FUNDS

*Schedule P*

NAME AND DESCRIPTION	Amount
J. McLAIN SMITH STUDENT AID FUND:	
Robert A. Knight.....	\$135.00
C. C. Engle.....	20.00
Total.....	\$155.00

## APPENDIX I.

## BOARD OF TRUSTEES 1915-1916

	Date Original Appointment	Term Expires
GUY W. MALLON, Cincinnati.....	May 11, 1903	May 13, 1917
O. E. BRADFUTE, Cedarville.....	Aug. 21, 1905	May 13, 1918
FRANK E. POMERENE, Coshocton .....	May 15, 1905	May 13, 1919
BENJ. F. McCANN, Dayton.....	May 13, 1913	May 13, 1920
JOHN F. CUNNINGHAM, Cleveland .....	Dec. 22, 1914	May 13, 1921
JOHN KAISER, Marietta .....	Feb. 25, 1915	May 13, 1922
JULIUS F. STONE, Columbus.....	May 13, 1909	May 13, 1923

## OFFICERS OF THE BOARD

JULIUS F. STONE .....	Chairman and Treasurer
BENJ. F. McCANN.....	Vice-Chairman
CARL E. STEEB .....	Business Manager and Secretary

## COMMITTEES OF THE BOARD

*Executive Committee*

JULIUS F. STONE	F. E. POMERENE	GUY W. MALLON
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*Farm Committee*

O. E. BRADFUTE	J. F. CUNNINGHAM	BENJ. F. McCANN
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*Auditing Committee*

F. E. POMERENE	GUY W. MALLON	O. E. BRADFUTE
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*Faculty Committee*

GUY W. MALLON	JOHN KAISER	BENJ. F. McCANN
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*Building Committee*

JULIUS F. STONE	J. F. CUNNINGHAM	BENJ. F. McCANN
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*Roads and Grounds Committee*

F. E. POMERENE	O. E. BRADFUTE	JOHN KAISER
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## APPENDIX II

## ADMINISTRATIVE OFFICERS

## THE UNIVERSITY

WILLIAM OXLEY THOMPSON, D. D., LL. D. ....	<i>President</i>
Office, University Hall	
CARL E. STEEB, B. Ph. ....	<i>Business Manager and Secretary of Board of Trustees</i>
Office, University Hall	
EDITH D. COCKINS, B. A., Registrar, Secretary of the University Faculty and University Editor	
Office, University Hall	
LESTER E. WOLFE, A. M. ....	<i>Secretary of the Entrance Board</i>
Office, University Hall	
R. M. ROYER ....	<i>Purchasing Agent</i>
Office, University Hall	
KATHARINE H. DUNCAN ....	<i>Executive Clerk</i>
Office, University Hall	
CAROLINE M. BREYFOGLE, B. A., Ph. D. ....	<i>Dean of Women</i>
Office, Orton Hall	
BESS C. WATTERS ....	<i>Cashier</i>
Office, University Hall	
WILLIAM C. MCCracken ...	<i>Superintendent of Buildings and Grounds and Chief Engineer</i>
Office, Power House	

## APPENDIX III

Which shows the number of professors, officers, teachers and other employees, and the position and compensation of each, as required by Section 7947 of an Act passed May 29, 1915.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
William Oxley Thompson.....	President .....	\$7,000.00
*Alfred Vivian .....	Professor of Agricultural Chemistry and Dean of the College of Agriculture.....	3,900.00
John F. Lyman .....	Professor of Agricultural Chemistry.....	2,100.00
Thomas G. Phillips .....	Assistant Professor of Agricultural Chemistry.....	1,500.00
Frederick J. Salter.....	Instructor in Agricultural Chemistry.....	1,200.00
John L. Hutchison.....	Instructor in Agricultural Chemistry.....	1,200.00
George M. McClure.....	Instructor in Agricultural Chemistry.....	1,000.00
Chester M. Rose.....	Assistant in Agricultural Chemistry.....	600.00
H. C. Ramsower.....	Professor of Agricultural Engineering.....	2,500.00
F. W. Ives.....	Assistant Professor of Agricultural Engineering .....	1,600.00
G. W. McCuen.....	Instructor in Agricultural Engineering.....	1,200.00
John T. Miller.....	Mechanic—Agricultural Engineering.....	900.00
A. G. McCall.....	Professor of Agronomy.....	2,500.00
Forrest W. Stemple.....	Instructor in Agronomy.....	1,500.00
A. E. Waller.....	Assistant in Agronomy.....	600.00
L. E. Thatcher.....	Assistant in Agronomy.....	1,000.00
E. C. Sleeth.....	Instructor in Agronomy.....	1,000.00
P. E. Richards.....	Assistant in Agronomy.....	600.00
Aaron F. Head.....	Graduate Assistant in Agronomy.....	300.00
Carl W. Schiffler.....	Graduate Assistant in Agronomy.....	300.00
C. S. Plumb.....	Professor in Animal Husbandry.....	3,500.00
D. J. Kays.....	Professor of Animal Husbandry.....	2,200.00
J. S. Coffey.....	Assistant Professor of Animal Husbandry.....	1,800.00
Freeman S. Jacoby.....	Assistant Professor of Animal Husbandry.....	1,800.00
S. M. Salisbury.....	Assistant Professor of Animal Husbandry.....	1,600.00
Tom Stone.....	Instructor in Animal Husbandry.....	1,200.00
L. P. McCann.....	Assistant in Animal Husbandry.....	500.00
C. T. Conklin.....	Student Assistant in Animal Husbandry.....	250.00
D. M. Fyffe.....	Superintendent of Live Stock.....	1,400.00
J. H. Schaffner.....	Professor of Botany.....	2,750.00
Edgar N. Transeau.....	Professor of Botany.....	2,500.00
R. F. Griggs.....	Assistant Professor of Botany.....	1,800.00
Freda Detmers .....	Assistant Professor of Botany.....	1,500.00
W. G. Stover.....	Assistant Professor of Botany.....	1,600.00
Wm. N. Ankeney.....	Graduate Assistant in Botany.....	300.00
Paul B. Sears.....	Instructor in Botany .....	1,000.00
Nellie F. Henderson.....	Student Assistant in Botany.....	150.00
Nina E. Musselman.....	Student Assistant in Botany.....	150.00
F. B. H. Brown.....	Florist .....	800.00
Oscar Erf .....	Professor of Dairying.....	3,000.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
O. C. Cunningham.....	Assistant Professor of Dairying.....	2,000.00
W. L. Clevenger.....	Assistant Professor of Dairying.....	1,700.00
Robert B. Stoltz.....	Assistant Professor of Dairying.....	1,700.00
W. R. Lazenby.....	Professor of Forestry.....	2,750.00
Norman W. Scherer.....	Assistant Professor of Forestry.....	1,700.00
O. W. Pflueger.....	Instructor in Forestry.....	1,100.00
W. L. Dubois.....	Temporary Instructor in Forestry.....	500.00
Edna N. White.....	Professor of Home Economics.....	2,000.00
Anna R. VanMeter.....	Assistant Professor of Home Economics.....	2,000.00
Maude C. Hathaway.....	Assistant Professor of Home Economics.....	1,500.00
Grace G. Walker.....	Instructor in Home Economics.....	1,300.00
Lila Skinner.....	Instructor in Home Economics.....	1,000.00
Minna C. Denton.....	Professor of Home Economics.....	2,000.00
Marian L. Tucker.....	Instructor in Home Economics.....	1,300.00
Lelia McGuire.....	Assistant in Home Economics.....	800.00
Agnes Brady.....	Assistant in Home Economics.....	750.00
Maude G. Adams.....	Supervisor of Practice Teaching.....	1,500.00
Esther McGinnis.....	Assistant in Home Economics.....	750.00
Cora Elliott.....	Maid—Department of Home Economics.....	480.00
Wendell Paddock.....	Professor of Horticulture.....	3,000.00
V. H. Davis.....	Professor of Horticulture.....	2,000.00
L. M. Montgomery.....	Professor of Horticulture.....	2,200.00
C. R. Runyan.....	Assistant in Horticulture.....	600.00
W. H. Mosier.....	Assistant in Horticulture.....	600.00
P. H. Elwood, Jr.....	Assistant Professor of Landscape Gardening.....	1,800.00
A. D. Taylor.....	Non-resident Professor of Landscape Architecture.....	500.00
*Fred Windmiller.....	Assistant in Floriculture and Vegetable Gardening.....	778.86
*J. Warren Smith.....	Professor of Meteorology.....	250.00
Paul L. Vogt.....	Professor of Rural Economics.....	2,500.00
Thomas D. Phillips.....	Assistant Professor of Rural Economics.....	1,800.00
John I. Falconer.....	Assistant Professor of Rural Economics.....	1,800.00
Verle C. Smith.....	Assistant to Dean—College of Agriculture.....	1,800.00
A. E. Smith.....	Farm Foreman.....	1,500.00
Herbert Osborn.....	Professor of Zoology and Entomology.....	3,500.00
J. S. Hine.....	Associate Professor of Zoology and Entomology.....	1,800.00
W. M. Barrows.....	Assistant Professor of Zoology and Entomology.....	2,000.00
W. J. Kostir.....	Instructor in Zoology and Entomology.....	1,200.00
C. J. Drake.....	Assistant in Zoology and Entomology.....	900.00
Vernon Haber.....	Assistant in Zoology and Entomology.....	600.00
D. W. DeLong.....	Graduate Assistant in Zoology and Entomology.....	300.00
F. H. Kreckler.....	Assistant Professor of Zoology and Entomology.....	1,600.00
C. L. Metcalf.....	Assistant Professor of Zoology and Entomology.....	1,700.00
*N. F. Howard.....	Graduate Assistant in Zoology and Entomology.....	240.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
L. A. Stearns.....	Graduate Assistant in Zoology and Entomology.....	300.00
Jesse M. Robinson.....	Graduate Assistant in Zoology and Entomology.....	300.00
T. L. Guyton.....	Graduate Assistant in Zoology and Entomology.....	300.00
Mary H. Oliver.....	Graduate Assistant in Zoology and Entomology.....	300.00
Wm. F. Bruce.....	Instructor in Farm Crops—Winter Course.....	300.00
C. M. Emerson.....	Instructor in Agricultural Engineering—Winter Course.....	400.00
E. Glenn McCoy.....	Instructor in Dairying—Winter Course.....	300.00
Glenn Morton.....	Instructor in Dairying—Winter Course.....	300.00
A. J. Bishop.....	Instructor in Animal Husbandry—Winter Course.....	300.00
Herbert Osborn.....	Director—Lake Laboratory.....	300.00
E. L. Fulmer.....	Instructor—Lake Laboratory.....	200.00
C. G. Shatzer.....	Instructor—Lake Laboratory.....	200.00
S. R. Williams.....	Instructor—Lake Laboratory.....	200.00
F. H. Kreckler.....	Instructor—Lake Laboratory.....	200.00
H. C. Hockett.....	Professor of American History.....	2,500.00
G. W. Knight.....	Professor of American History and Dean of the College of Education.....	4,000.00
A. M. Schlesinger.....	Assistant Professor of American History.....	2,000.00
George A. Wood.....	Instructor in American History.....	1,200.00
Errett Morse Selby.....	Graduate Assistant in American History.....	300.00
William F. Krayner.....	Student Assistant in American History.....	150.00
Andrew J. Townsend.....	Student Assistant in American History.....	150.00
C. B. Morrey.....	Professor of Bacteriology.....	2,750.00
Wm. A. Starin.....	Assistant Professor of Bacteriology.....	2,000.00
Henry B. Froning.....	Instructor in Bacteriology.....	1,500.00
Vera McCoy.....	Instructor in Bacteriology.....	1,000.00
S. J. Schilling.....	Graduate Assistant in Bacteriology.....	300.00
Mary Roush.....	Student Assistant in Bacteriology.....	300.00
W. C. Burkhardt.....	Graduate Assistant in Bacteriology.....	300.00
J. E. Hagerty.....	Professor of Economics and Sociology.....	3,500.00
M. B. Hammond.....	Professor of Economics and Sociology.....	3,000.00
O. C. Lockhart.....	Professor of Economics and Sociology.....	2,500.00
C. C. Huntington.....	Professor of Economics and Sociology.....	1,800.00
Henry F. Walradt.....	Assistant Professor of Economics and Sociology.....	1,860.00
Carl E. Parry.....	Assistant Professor of Economics and Sociology.....	2,000.00
Clyde O. Ruggles.....	Professor of Economics and Sociology.....	2,500.00
Walter C. Weidler.....	Instructor in Economics and Sociology.....	900.00
Gould L. Harris.....	Instructor in Economics and Sociology.....	900.00
Otto F. Wilkinson.....	Instructor in Economics and Sociology.....	900.00
H. B. Drury.....	Instructor in Economics and Sociology.....	1,200.00
Victor W. Bruder.....	Instructor in Economics and Sociology.....	1,200.00
Mary Louise Mark.....	Instructor in Economics and Sociology.....	1,200.00
E. W. Burgess.....	Assistant Professor of Economics and Sociology.....	2,000.00
R. D. McKenzie.....	Instructor in Economics and Sociology.....	1,200.00



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
G. W. Eckleberry.....	Assistant in Economics and Sociology.....	500.00
*Harriet M. Griffiths.....	Library Attendant—Economics and Sociology.....	199.98
J. V. Denney.....	Professor of English and Dean of the College of Arts, Philosophy and Science.....	4,000.00
J. R. Taylor.....	Professor of English.....	2,750.00
G. H. McKnight.....	Professor of English.....	2,750.00
W. L. Graves.....	Professor of English.....	2,000.00
L. A. Cooper.....	Assistant Professor of English.....	1,500.00
E. L. Beck.....	Assistant Professor of English.....	2,000.00
V. A. Ketcham.....	Assistant Professor of English.....	1,700.00
J. Forest Craig.....	Instructor in English.....	1,000.00
Chas. G. Dishong.....	Instructor in English.....	1,000.00
Gertrude L. Robinson.....	Assistant in English.....	500.00
Miles Hanley.....	Graduate Assistant in English.....	300.00
Marjorie McCutcheon.....	Assistant in English.....	500.00
Kathryn Roeser.....	Assistant in English.....	550.00
Mary L. Magness.....	Graduate Assistant in English.....	300.00
Elsa Tway.....	Graduate Assistant in English.....	300.00
Mary C. Evens.....	Graduate Assistant in English.....	300.00
Edith L. Laver.....	Graduate Assistant in English.....	300.00
C. F. Lindsley.....	Graduate Assistant in English.....	300.00
Frederick W. Moore.....	Graduate Assistant in English.....	300.00
C. E. Andrews.....	Assistant Professor of English.....	2,000.00
Milton Percival.....	Assistant Professor of English.....	1,800.00
Louis Foley.....	Graduate Assistant in English.....	300.00
Earl W. Wiley.....	Instructor in English.....	1,000.00
Ernest Siegfried.....	Graduate Assistant in English.....	300.00
W. H. Siebert.....	Professor of European History.....	3,500.00
E. H. McNeal.....	Professor of European History.....	2,500.00
Clarence Perkins.....	Professor of European History.....	2,000.00
Wilmer C. Harris.....	Instructor in European History.....	1,100.00
*Pansy Higbee Bock.....	Graduate Assistant in European History.....	210.00
C. S. Prosser.....	Professor of Geology.....	3,500.00
J. A. Bownocker.....	Professor of Inorganic Geology and Curator of Museum.....	2,500.00
Thos. McD. Hills.....	Assistant Professor of Geology.....	1,700.00
W. A. Verwiebe.....	Instructor in Geology.....	1,100.00
Clara G. Mark.....	Instructor in Geology.....	1,000.00
Kenneth Cottingham.....	Instructor in Geology.....	1,000.00
M. B. Evans.....	Professor of German.....	3,500.00
B. A. Eisenlohr.....	Professor of German.....	2,000.00
May Thomas.....	Assistant Professor of German.....	1,500.00
Sarah Barrows.....	Assistant Professor of German.....	1,500.00
Ludwig Lewisohn.....	Assistant Professor of German.....	2,250.00
Robert O. Busey.....	Assistant Professor of German.....	1,500.00
H. C. Keidel.....	Instructor in German.....	1,600.00
Theodore F. Kotz.....	Instructor in German.....	1,000.00
H. W. Reese.....	Instructor in German.....	1,000.00
Ernest Rey.....	Assistant in German.....	500.00
Walter French.....	Graduate Assistant in German.....	300.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
George M. Bolling .....	Professor of Greek .....	3,000.00
Joseph S. Myers.....	Professor of Journalism .....	2,000.00
Paul C. Carty.....	Instructor in Journalism.....	1,700.00
M. H. Hallett.....	Instructor in Journalism.....	1,456.00
Albert P. Taylor.....	Instructor in Journalism.....	1,100.00
A. B. Bergman.....	Editor-in-Chief of "The Lantern".....	500.00
Fletcher Richards .....	Business Manager of "The Lantern".....	500.00
S. C. Derby.....	Professor of Latin.....	2,750.00
A. W. Hodgman.....	Professor of Latin.....	2,500.00
W. S. Elden.....	Professor of Latin.....	2,500.00
James E. Dunlap.....	Instructor in Latin.....	1,000.00
J. A. Leighton.....	Professor of Philosophy.....	3,500.00
A. E. Davies.....	Professor of Philosophy.....	2,000.00
Albert R. Chandler.....	Assistant Professor of Philosophy.....	1,500.00
A. M. Bleile.....	Professor of Physiology.....	2,750.00
R. J. Seymour.....	Associate Professor of Physiology.....	1,800.00
E. P. Durrant.....	Assistant Professor of Physiology.....	1,500.00
Adolph Feiel .....	Assistant in Physiology.....	400.00
R. A. Knouf .....	Assistant in Physiology.....	250.00
R. L. Mundhenk.....	Assistant in Physiology .....	500.00
Halsted R. Wright.....	Instructor in Physiology.....	750.00
Julius E. Severin.....	Assistant in Physiology.....	250.00
Henry R. Spencer.....	Professor of Political Science.....	2,750.00
Francis W. Coker.....	Professor of Political Science.....	2,250.00
B. L. Bowen.....	Professor of Romance Languages.....	2,200.00
C. A. Bruce.....	Professor of Romance Languages.....	1,800.00
E. S. Ingraham.....	Professor of Romance Languages.....	1,500.00
T. E. Hamilton.....	Assistant Professor of Romance Languages.....	1,500.00
G. S. Chapin.....	Assistant Professor of Romance Languages.....	1,800.00
Walter T. Peirce.....	Assistant Professor of Romance Languages.....	1,800.00
J. K. Ditchy.....	Instructor in Romance Languages.....	1,200.00
Alexander P. Moore.....	Instructor in Romance Languages.....	1,200.00
Leopold Cardon .....	Instructor in Romance Languages.....	1,200.00
Coral D. Nathan.....	Graduate Assistant in Romances Languages.....	300.00
Rive-King Bowman .....	Graduate Assistant in Romances Languages.....	300.00
Hazel Beach .....	Graduate Assistant in Romances Languages.....	300.00
Homer* C. Haddox.....	Graduate Assistant in Romances Languages.....	300.00
H. M. Semans.....	Professor of Operative Dentistry and Dental Anatomy and Dean of College of Dentistry	3,500.00
Harvey Cottrell .....	Professor of Prosthetic Dentistry.....	1,200.00
*Alden J. Bush.....	Professor of Crown and Bridge Work and Orthodontia .....	600.00
Wm. C. Graham.....	Instructor in Dental Medicine and Oral Hygiene .....	500.00
John W. Means.....	Instructor in Oral Surgery.....	200.00
R. B. Wiltberger.....	Instructor in Porcelain and Assistant in Prosthetic Dentistry .....	700.00
H. S. Shumway.....	Instructor in Prosthetic Laboratory.....	800.00
Clyde H. Hebble.....	Superintendent Operative Clinic and In- structor in Operative Technic.....	1,200.00
C. W. Strosnider.....	Assistant Superintendent of Operative Clinic and Instructor in Dental Technic.....	1,000.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
Ollie O. Mobberly.....	Superintendent Dental Laboratories and Summer Clinic.....	1,600.00
Dick P. Snyder.....	Instructor in Operative Clinic.....	600.00
Edwin W. Martindale.....	Instructor in Anaesthetics and Analgesia.....	200.00
Frank C. Starr.....	Instructor in Operative Clinic and Metal- lurgy.....	600.00
I. A. Bottenhorn.....	Instructor in Dental Clinic.....	400.00
F. A. Reickhoff.....	Student Assistant—Dentistry.....	100.00
D. V. Barrett.....	Student Assistant—Dentistry.....	100.00
Earl G. Jones.....	Assistant in Orthodontia.....	200.00
Charles F. Kelley.....	Professor of Art.....	2,500.00
Alice Robinson.....	Instructor in Art.....	1,400.00
Mary Louise Shepherd.....	Instructor in Art.....	1,200.00
W. J. Norris.....	Instructor in Art.....	1,400.00
E. O. Christensen.....	Instructor in Art.....	1,200.00
Lewis F. Anderson.....	Professor of History of Education.....	3,000.00
Freda Hallie Spring.....	Graduate Assistant in History of Education.....	300.00
Eldon L. Usry.....	Assistant Professor of Manual Training.....	2,250.00
George R. Twiss.....	Professor of Principles and Practice of Edu- cation (half time).....	1,500.00
T. S. Lowden.....	Associate Professor of Principles and Practice of Education.....	1,800.00
*J. L. Clifton.....	Assistant Professor of Principles and Practice of Education.....	1,500.00
George F. Arps.....	Professor of Psychology.....	3,500.00
*A. P. Weiss.....	Assistant Professor of Psychology.....	2,000.00
Rudolph Pintner.....	Assistant Professor of Psychology.....	850.00
John E. Evans.....	Instructor in Psychology.....	1,600.00
J. W. Bridges.....	Instructor in Psychology.....	1,600.00
Karl M. Dallenbach.....	Instructor in Psychology.....	1,600.00
Mabel E. Goudge.....	Instructor in Psychology.....	1,200.00
*P. F. Swindle.....	Instructor in Psychology.....	850.00
Donald G. Paterson.....	Laboratory Assistant in Psychology.....	650.00
Verona Dollinger.....	Laboratory Assistant in Psychology.....	400.00
Mary M. Anderson.....	Graduate Assistant in Psychology.....	300.00
A. R. Gilliland.....	Graduate Assistant in Psychology.....	300.00
*F. B. Pearson.....	Professor of School Administration.....	825.00
Samuel W. Brown.....	Professor of School Administration.....	2,500.00
*G. A. Bricker.....	Assistant Professor of Agricultural Educa- tion.....	875.00
Harold F. Cotterman.....	Temporary Assistant in School Administra- tion.....	300.00
J. N. Bradford.....	Professor of Architecture.....	1,200.00
Chas. St. J. Chubb.....	Professor of Architecture.....	2,200.00
F. H. Haskett.....	Instructor in Architecture.....	1,500.00
W. C. Ronan.....	Instructor in Architecture.....	1,400.00
H. C. Lord.....	Professor of Astronomy.....	3,000.00
E. S. Manson, Jr.....	Associate Professor of Astronomy.....	1,800.00
Arthur S. Watts.....	Professor of Ceramic Engineering.....	3,000.00
Edward Orton, Jr.....	Professor of Ceramic Engineering (on leave).....	.....
Carl B. Harrop.....	Assistant Professor of Ceramic Engineering....	1,600.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
J. C. Lysatt.....	Technician—Ceramic Engineering.....	600.00
S. A. Norton.....	Emeritus Professor of Chemistry.....	1,250.00
William McPherson .....	Professor of Chemistry and Dean of the Graduate School .....	4,000.00
W. E. Henderson.....	Professor of Inorganic and Physical Chem- istry .....	3,000.00
C. W. Foulk.....	Professor of Analytical Chemistry.....	2,500.00
W. L. Evans.....	Professor of Chemistry.....	3,000.00
J. R. Withrow.....	Professor of Chemistry.....	3,000.00
J. W. Shipley.....	Assistant Professor of Chemistry.....	1,500.00
C. E. Boord.....	Assistant Professor of Chemistry.....	1,500.00
R. C. Hummell .....	Instructor in Chemistry.....	1,200.00
Edward Schmidt .....	Assistant in Chemistry.....	700.00
C. P. McNeil.....	Assistant in Chemistry.....	700.00
C. R. McCrosky.....	Assistant in Chemistry.....	700.00
Gebhard Stegeman .....	Assistant in Chemistry.....	700.00
J. H. Young.....	Assistant in Chemistry.....	700.00
Marion Hollingsworth .....	Assistant in Chemistry.....	700.00
Emil Balz.....	Assistant in Chemistry.....	700.00
Carleton E. Curran.....	Graduate Assistant in Chemistry.....	300.00
K. W. Reed.....	Graduate Assistant in Chemistry.....	300.00
H. B. Adkins .....	Graduate Assistant in Chemistry.....	300.00
J. F. Haskins.....	Graduate Assistant in Chemistry.....	300.00
William J. Becker.....	Graduate Assistant in Chemistry.....	300.00
John G. Strong.....	Graduate Assistant in Chemistry.....	300.00
Walter J. Harper.....	Graduate Assistant in Chemistry (First semester) .....	150.00
F. C. Vilbrandt.....	Graduate Assistant in Chemistry.....	300.00
Melvin G. Mellon.....	Graduate Assistant in Chemistry.....	300.00
Herbert S. Coith .....	Graduate Assistant in Chemistry.....	300.00
Charles Rudmann .....	Graduate Assistant in Chemistry.....	300.00
Edgar C. Bain.....	Graduate Assistant in Chemistry.....	300.00
Wilmer C. Gangloff.....	Graduate Assistant in Chemistry.....	300.00
Ethel Jones.....	Graduate Assistant in Chemistry.....	300.00
Paul J. Dolley.....	Graduate Assistant in Chemistry.....	300.00
*E. L. Mahaffey.....	Graduate Assistant in Chemistry.....	240.00
Howard W. Laymon.....	Graduate Assistant in Chemistry.....	140.00
*Hanford A. Thirey.....	Graduate Assistant in Chemistry.....	90.00
C. E. Sherman.....	Professor of Civil Engineering.....	2,500.00
F. H. Eno.....	Professor of Municipal Engineering.....	2,150.00
Clyde T. Morris.....	Professor of Structural Engineering.....	2,400.00
W. S. Hindman.....	Assistant Professor of Civil Engineering.....	1,650.00
G. F. Schlesinger.....	Assistant Professor of Civil Engineering.....	1,500.00
R. C. Sloane.....	Assistant Professor of Civil Engineering.....	1,500.00
Wilhelm Neilson .....	Instructor in Civil Engineering.....	1,200.00
*A. D. Kilmer.....	Instructor in Civil Engineering.....	500.00
*Charles S. Carroll.....	Substitute Instructor in Civil Engineering.....	723.87
*H. S. Perry.....	Instructor in Civil Engineering.....	500.00
*Carl G. Faehnle.....	Instructor in Civil Engineering.....	376.13
F. C. Caldwell.....	Professor of Electrical Engineering.....	3,000.00
A. E. Flowers.....	Professor of Electrical Engineering.....	2,400.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
J. E. Shepardson.....	Instructor in Electrical Engineering.....	1,300.00
R. A. Brown.....	Instructor in Electrical Engineering.....	1,200.00
W. R. Alexander.....	Machinist.....	1,020.00
Elton W. Carlisle.....	Machinist's Helper.....	480.00
T. O. Farmer.....	Assistant in Electrical Engineering.....	750.00
W. C. Dyer.....	Assistant in Electrical Engineering (first semester).....	350.00
T. E. French.....	Professor of Engineering Drawing.....	3,500.00
Robert Meiklejohn.....	Assistant Professor of Engineering Drawing.....	1,800.00
*A. C. Harper.....	Instructor in Engineering Drawing.....	650.00
O. E. Williams.....	Assistant Professor of Engineering Drawing.....	1,500.00
Cree Sheets.....	Assistant Professor of Engineering Drawing.....	1,500.00
W. D. Turnbull.....	Assistant Professor of Engineering Drawing.....	1,500.00
E. J. Gilbert.....	Instructor in Engineering Drawing.....	1,390.00
C. L. Svensen.....	Instructor in Engineering Drawing.....	1,200.00
D. E. Batesole.....	Student Assistant in Engineering Drawing.....	300.00
S. S. Withrow.....	Assistant in Engineering Drawing.....	700.00
*T. Y. Inagaky.....	Instructor in Engineering Drawing.....	500.00
F. E. Sanborn.....	Professor of Industrial Arts.....	2,420.00
W. A. Knight.....	Associate Professor of Machine Shop Practice.....	1,925.00
C. M. Beem.....	Instructor in Pattern-Making and Founding.....	1,595.00
A. A. Case.....	Instructor in Vise-Work.....	1,320.00
U. W. Denman.....	Instructor in Woodworking.....	1,100.00
J. A. Foust.....	Instructor in Forging.....	1,210.00
J. J. Breckur.....	Assistant in Founding.....	935.00
R. E. Smith.....	Assistant in Woodworking.....	800.00
Perry L. Wright.....	Assistant in Forging.....	880.00
Harold Wright.....	Assistant in Industrial Arts.....	715.00
R. D. Bohannon.....	Professor of Mathematics.....	2,750.00
G. W. McCoard.....	Professor of Mathematics.....	1,800.00
K. D. Swartzel.....	Professor of Mathematics.....	2,400.00
H. W. Kuhn.....	Professor of Mathematics.....	2,500.00
S. E. Rasor.....	Professor of Mathematics.....	2,000.00
C. L. Arnold.....	Associate Professor of Mathematics.....	1,700.00
J. B. Preston.....	Assistant Professor of Mathematics.....	1,500.00
C. C. Morris.....	Professor of Mathematics ( $\frac{1}{2}$ time).....	1,000.00
C. C. Morris.....	Assistant to Dean College of Engineering ( $\frac{1}{2}$ time).....	1,000.00
Grace Bareis.....	Assistant Professor of Mathematics.....	1,300.00
C. J. West.....	Assistant Professor in Mathematics.....	1,500.00
Hortense Rickard.....	Assistant in Mathematics.....	1,000.00
Charlotte Morningstar.....	Graduate Assistant in Mathematics.....	300.00
Glenn O. Swing.....	Student Assistant in Mathematics.....	300.00
J. E. Boyd.....	Professor of Mechanics.....	3,000.00
E. F. Coddington.....	Professor of Mechanics and Acting Dean of College of Engineering.....	2,750.00
H. H. Ashinger.....	Assistant in Mechanics.....	600.00
William T. Magruder.....	Professor of Mechanical Engineering.....	3,500.00
F. W. Marquis.....	Professor of Steam Engineering.....	2,500.00
H. Judd.....	Associate Professor of Experimental Engineering.....	1,800.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
A. I. Brown.....	Instructor in Mechanical Engineering.....	1,300.00
W. W. Watson.....	Assistant in Mechanical Engineering.....	750.00
C. L. Brown.....	Assistant in Mechanical Engineering.....	750.00
J. J. Davis.....	Machinist—Mechanical Engineering.....	1,020.00
Roy Pratt.....	Helper and Fireman—Mechanical Engineer- ing.....	840.00
D. J. Demorest.....	Professor of Metallurgy and Acting Head of Department.....	2,500.00
E. E. Somermeier.....	Professor of Metallurgy (half time).....	1,200.00
E. C. Smith.....	Instructor in Metallurgy.....	900.00
Frank A. Ray.....	Professor of Mine Engineering.....	2,000.00
Wells H. Minor.....	Assistant Professor of Mine Engineering.....	1,800.00
Guy E. Hoover.....	Student Assistant in Mine Engineering.....	300.00
Walter E. Pouchot.....	Student Assistant in Mine Engineering.....	300.00
Charles W. Davis.....	Student Assistant in Mine Engineering ( $\frac{1}{2}$ time).....	150.00
W. J. McCaughey.....	Assistant Professor of Mineralogy and Acting Head of Department.....	2,000.00
A. D. Cole.....	Professor of Physics.....	3,500.00
R. F. Earhart.....	Professor of Physics.....	2,500.00
F. C. Blake.....	Professor of Physics.....	2,500.00
S. J. Barnett.....	Professor of Physics.....	2,500.00
Charles Sheard.....	Professor of Physics and Applied Optics.....	2,200.00
A. W. Smith.....	Assistant Professor of Physics.....	2,400.00
H. G. Heil.....	Instructor in Physics.....	1,500.00
D. A. Woodbury.....	Instructor in Physics.....	1,300.00
Alva W. Smith.....	Instructor in Physics.....	1,100.00
John Strait.....	Assistant in Physics.....	700.00
B. H. Jackson.....	Assistant in Physics.....	600.00
J. H. Service.....	Graduate Assistant in Physics.....	300.00
E. F. George.....	Graduate Assistant in Physics.....	300.00
C. W. Jarvis.....	Graduate Assistant in Physics.....	300.00
Arthur P. Freund.....	Mechanician—Physics.....	1,200.00
Fred B. Grosvenor.....	Professor of Clinical Diagnosis and Clinical Microscopy.....	2,200.00
Albert E. Hinsdale.....	Professor of Materia Medica and Clinical Therapeutics.....	2,200.00
Wm. A. Humphrey.....	Professor of Diseases of Women, Surgical Gynecology and Obstetrics.....	2,200.00
J. A. Ferree.....	Professor of Ophthalmology, Otology, Laryngology and Rhinology.....	2,200.00
C. A. Burrett.....	Professor of Surgery and Clinical Surgery and Dean of College of Homeopathic Medicine.....	3,000.00
Roy C. Wolcott.....	Professor of Internal Medicine.....	2,200.00
*Henry C. Prill.....	Assistant Clinical Laboratory.....	50.00
*A. V. Hadley.....	Assistant Clinical Laboratory.....	450.00
Jacob H. Wiggers.....	Student Assistant in Homeopathic Medicine.....	300.00
H. J. Knapp.....	Student Assistant in Homeopathic Medicine.....	300.00
J. G. Keiser.....	Graduate Assistant in Homeopathic Medicine.....	200.00
Herman O. Hodson.....	Student Assistant in Homeopathic Medicine.....	100.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
John Shoemaker .....	Student Assistant in Homeopathic Medicine .....	200.00
George B. Faulder .....	Assistant in Homeopathic Medicine .....	200.00
Jessie Harrod .....	Chief Nurse—Homeopathic Hospital .....	800.00
Helen Johnson .....	Teacher of Surgical Nursing .....	600.00
*Carl H. Kent .....	House Physician—Homeopathic Hospital .....	133.28
*William H. Caine .....	House Physician—Homeopathic Hospital .....	66.67
Alice Fulton .....	Student Nurse—Homeopathic Hospital .....	37.48
Cora Ranous .....	Student Nurse—Homeopathic Hospital .....	66.64
Louisa Harrod .....	Student Nurse—Homeopathic Hospital .....	66.64
Rena Daly .....	Student Nurse—Homeopathic Hospital .....	64.55
Vera Benjamin .....	Student Nurse—Homeopathic Hospital .....	60.37
Elinor Schlegemilch .....	Student Nurse—Homeopathic Hospital .....	58.28
Hazel Ault .....	Student Nurse—Homeopathic Hospital .....	58.28
Olga Johnson .....	Student Nurse—Homeopathic Hospital .....	54.10
Sarah Fulton .....	Student Nurse—Homeopathic Hospital .....	38.00
Martha Bower .....	Student Nurse—Homeopathic Hospital .....	38.00
*George B. Faulder .....	Supervising Anaesthetist—Homeopathic Hos- pital .....	100.00
Angie Fuller .....	Student Nurse—Homeopathic Hospital .....	33.30
John J. Adams .....	Professor of Law and Dean of College of Law .....	5,000.00
William H. Page .....	Professor of Law .....	3,750.00
G. W. Rightmire .....	Professor of Law .....	3,500.00
A. H. Tuttle .....	Professor of Law .....	3,500.00
W. B. Cockley .....	Professor of Law .....	2,500.00
Clarence D. Laylin .....	Professor of Law .....	3,500.00
F. L. Landacre .....	Professor of Anatomy and Head of Depart- ment .....	3,000.00
Edward C. Buck .....	Assistant Professor of Anatomy .....	2,500.00
J. H. Warren .....	Instructor in Histology and Embryology .....	1,800.00
C. V. Davis .....	Student Assistant in Anatomy .....	50.00
H. L. Sowash .....	Student Assistant in Anatomy .....	50.00
R. C. Baker .....	Student Assistant in Anatomy .....	300.00
I. G. Allen .....	Student Assistant in Anatomy .....	50.00
V. E. Sheets .....	Student Assistant in Anatomy .....	50.00
W. M. Skipp .....	Student Assistant in Anatomy .....	50.00
W. S. Taylor .....	Student Assistant in Anatomy .....	50.00
E. H. Baxter .....	Student Assistant in Anatomy .....	50.00
A. M. Elam .....	Student Assistant in Anatomy .....	50.00
William P. Smith .....	Student Assistant in Anatomy .....	750.00
Robert A. McDonald .....	Assistant in Anatomy .....	900.00
Ernest Scott .....	Professor of Pathology and Head of De- partment .....	3,000.00
Carl L. Spohr .....	Professor of Bacteriology .....	2,500.00
J. Forman .....	Instructor in Pathology .....	1,800.00
S. A. Hatfield .....	Instructor in Pathology .....	1,800.00
H. R. Wright .....	Instructor in Pathology .....	550.00
Carl F. Hugger .....	Assistant in Pathology .....	600.00
D. M. Harlor .....	Student Assistant in Pathology .....	300.00
M. Alice Hughes .....	Technical Assistant .....	720.00
R. L. Barnes .....	Instructor in Clinical Microscopy .....	150.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
H. M. Brundage.....	Instructor in Clinical Microscopy.....	150.00
Chas. J. Hufnagel.....	Assistant in Bacteriology.....	450.00
P. A. Davis.....	Instructor in Medical Chemistry.....	850.00
J. C. Bowman.....	Assistant in Medical Chemistry.....	450.00
F. M. Stanton.....	Instructor in Medical Chemistry.....	1,200.00
Clayton McPeck.....	Assistant Professor and Acting Head of Department of Physiology.....	2,500.00
C. I. Reed.....	Instructor in Physiology.....	1,200.00
J. C. Edwards.....	Instructor in Physiology (half time).....	900.00
E. R. Logan.....	Student Assistant in Physiology.....	125.00
M. R. Lorenzen.....	Student Assistant in Physiology.....	125.00
H. R. Burbacher.....	Assistant Professor of Pharmacology and Acting Head of Department.....	1,750.00
W. E. Duffee.....	Student Assistant in Pharmacology.....	450.00
Joseph Price.....	Instructor in Clinical Surgery.....	400.00
L. V. Zartman.....	Assistant in Surgery.....	400.00
J. H. J. Upham.....	Professor of Medicine and Clinical Medicine and Head of Department.....	1,500.00
E. J. Gordon.....	Instructor in Medicine.....	400.00
R. A. Ramsey.....	Assistant in Medicine.....	400.00
*A. G. Elder.....	Instructor in Medicine.....	75.00
J. W. Sheetz.....	Assistant in Medicine.....	175.00
W. D. Inglis.....	Professor of Obstetrics and Head of Department.....	400.00
Andrews Rogers.....	Clinical Professor of Obstetrics.....	400.00
Gilbert W. Brehm.....	Assistant in Obstetrics.....	400.00
Philip J. Reel.....	Interne—Protestant Hospital.....	100.00
John S. Hattery.....	Interne—Protestant Hospital.....	100.00
Wm. N. Taylor.....	Interne—Protestant Hospital.....	100.00
John T. Gibbons.....	Interne—Protestant Hospital.....	100.00
V. A. Dodd.....	Chief-of-Staff—Protestant Hospital.....	500.00
Austin H. Leeds.....	Interne—St. Francis Hospital.....	100.00
Peter E. Kern.....	Interne—St. Francis Hospital.....	100.00
Clarence G. Bozman.....	Interne—St. Francis Hospital.....	100.00
E. G. Horton.....	Superintendent Park Street Dispensary.....	400.00
K. D. Multer.....	Student Assistant—Park Street Dispensary.....	146.66
W. E. Duffee.....	Student Assistant—Park Street Dispensary.....	39.00
R. S. Haines.....	Pharmacist—State Street Dispensary.....	127.33
C. A. Dye.....	Professor of Pharmacy and Acting Dean of College of Pharmacy.....	2,750.00
Edward Spease.....	Assistant Professor of Pharmacy.....	2,000.00
Albert R. Paar.....	Student Assistant in Pharmacy.....	350.00
Karl F. Schmidt.....	Student Assistant in Pharmacy.....	350.00
S. Sisson.....	Professor of Comparative Anatomy.....	3,500.00
D. S. White.....	Professor of Veterinary Medicine and Dean of College of Veterinary Medicine.....	4,000.00
O. V. Brumley.....	Professor of Veterinary Surgery.....	3,500.00
A. G. G. Richardson.....	Professor of Veterinary Pathology.....	2,500.00
F. A. Lambert.....	Assistant Professor of Comparative Anatomy.....	1,900.00
J. H. Snook.....	Assistant Professor of Veterinary Surgery.....	1,900.00
J. N. Shoemaker.....	Assistant Professor of Veterinary Medicine and Manager of Summer Clinic.....	1,950.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
Max Wershow .....	Instructor in Veterinary Pathology .....	1,350.00
Walter S. Hobbs .....	House Surgeon—Veterinary Clinic .....	1,200.00
Gus Lee Buller .....	Hospital Clerk .....	100.00
Isaac W. Geiger .....	Graduate Fellow .....	500.00
Perley I. Reed .....	Graduate Fellow .....	500.00
Garbis Keulegan .....	Graduate Fellow .....	500.00
Raymond Gregory .....	Graduate Fellow .....	500.00
Wm. E. Bingham .....	Graduate Fellow .....	500.00
Carl W. Bock .....	Graduate Fellow .....	500.00
Eugene H. Roseboom .....	Graduate Scholar .....	250.00
Catherine W. Okey .....	Graduate Scholar .....	250.00
Paul M. Giesy .....	Graduate Scholar .....	250.00
Elizabeth Long .....	Graduate Scholar .....	250.00
Roy J. Gillen .....	Graduate Scholar .....	250.00
Laura Wheaton .....	Graduate Scholar .....	250.00
Julia A. Hanna .....	Graduate Scholar .....	250.00
Donna P. Carlisle .....	Graduate Scholar .....	250.00
Samuel W. Phillips .....	Graduate Scholar .....	250.00
Donna M. Thornton .....	Graduate Scholar .....	250.00
Elizabeth F. McNally .....	Graduate Scholar .....	250.00
Edith L. Brown .....	Graduate Scholar .....	250.00
Bertram W. Wells .....	Graduate Scholar .....	250.00
Edwin Spencer .....	Graduate Scholar .....	250.00
Wm. H. Gysan .....	Graduate Scholar .....	250.00
Eleanor Schmidt .....	Graduate Scholar (part time) .....	175.00
Arthur H. Smith .....	Graduate Scholar .....	250.00
Ethel B. Merrick .....	Graduate Scholar .....	250.00
Lillian P. Clark .....	Graduate Scholar .....	250.00
H. C. Yingling .....	Graduate Scholar .....	250.00
Agnes Drury .....	Graduate Scholar .....	250.00
Arthur F. Pott .....	Graduate Scholar .....	250.00
Jean Hamilton Alexander .....	Graduate Scholar .....	250.00
Gustav A. Meckstroth .....	Graduate Scholar .....	250.00
Carrie B. Miller .....	Graduate Scholar .....	250.00
Rose Hughes .....	Graduate Scholar .....	250.00
Emmett E. Roberts .....	Graduate Scholar (2nd semester) .....	125.00
Olive Jones .....	Librarian .....	2,000.00
Harriet N. Townshend .....	Assistant in Library .....	840.00
Gertrude S. Kellicott .....	Accession Librarian .....	1,500.00
Donald Leidigh .....	Accession Assistant .....	720.00
Alice D. McKee .....	Cataloguer .....	840.00
*Blanche L. Seipel .....	Cataloguing Assistant .....	520.00
*Margaret K. Forwick .....	Library Assistant .....	100.00
Maud Jeffrey .....	Reference Librarian .....	1,500.00
Charles W. Reeder .....	Reference Librarian .....	1,800.00
Bertha Schneider .....	Head Cataloguer .....	1,140.00
Nelson McCombs .....	Library Assistant .....	600.00
Louise Schoeneweiss .....	Library Assistant .....	1,020.00
Alice Morris .....	Library Assistant .....	840.00
*Justus H. Dice .....	Reference Assistant .....	125.00
Roy E. Haber .....	Stack Attendant .....	600.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
E. F. Gerish .....	Night Assistant .....	360.00
Marguerite Mitchell .....	Library Assistant .....	900.00
Lillian Nippert .....	Library Assistant .....	600.00
*Roger B. Morrow .....	Assistant Cataloguer .....	455.00
*Alice Cruikshank .....	Cataloguer .....	240.00
Harriet S. Dutcher .....	Assistant Cataloguer .....	805.00
*George E. Russell .....	Night Assistant .....	140.00
*Bliss Magly .....	Night Assistant .....	158.40
Paul R. Byrne .....	Reference Assistant .....	1,200.00
*Amy C. Crane .....	Library Attendant—College of Medicine .....	469.23
Mae Walker .....	Library Assistant—Brown Hall .....	270.00
W. J. Means .....	Acting Dean of College of Medicine .....	2,500.00
George B. Kauffman .....	Dean College of Pharmacy (on leave) .....	1,250.00
*Eugene F. McCampbell .....	Dean of College of Medicine .....	2,000.00
L. W. St. John .....	Professor of Physical Education .....	3,000.00
Henry C. Ohlson .....	Instructor in Physical Education .....	1,600.00
Allison H. Marsh .....	Instructor in Physical Education .....	1,400.00
*George M. Trautman .....	Instructor in Physical Education .....	980.00
Florence A. Meyer .....	Assistant Professor of Physical Education .....	1,600.00
Margaret E. Hammett .....	Assistant in Physical Education .....	1,000.00
Hannah Scofield .....	Student Assistant in Physical Education .....	300.00
Campbell Graf .....	Student Assistant in Physical Education .....	300.00
Mrs. Clark Hunter .....	Pianist—Physical Education .....	500.00
Lola Stout .....	Maid Physical Education .....	432.50
George L. Converse .....	Professor of Military Science and Tactics .....	450.00
Truman D. Thorpe .....	Assistant to Commandant .....	1,500.00
Gustav Bruder .....	Bandmaster .....	350.00
Jacob H. Farrand .....	Assistant Armorer—(2nd semester) .....	250.00
J. W. Rees .....	Student Assistant in Military Science .....	300.00
Virgil Lowe .....	Student Assistant in Military Science .....	300.00
Katharine H. Duncan .....	Executive Clerk .....	1,500.00
Eva L. Long .....	Stenographer—President's Office .....	840.00
Katherine E. Conrad .....	Stenographer—President's Office (part time) .....	310.00
	Stenographer—Summer Session Office (part time) .....	300.00
Carl E. Steeb .....	Secretary and Business Manager .....	5,000.00
R. M. Royer .....	Assistant Purchasing Agent .....	2,000.00
Bess C. Watters .....	Cashier .....	1,200.00
Jane S. Haskett .....	Chief Clerk .....	1,020.00
Mary Kraus .....	Auditor .....	1,020.00
Clara Baker .....	Book-keeper .....	900.00
Helen Zeller .....	Inventory Clerk .....	1,000.00
Louise Kraus .....	Assistant Book-keeper .....	780.00
Ethel Gilkey .....	Clerk .....	780.00
Katherine Vogel .....	Clerk .....	840.00
F. O. Howell .....	Accountant .....	250.00
Hazel B. Bratton .....	Typist .....	660.00
Edgar W. Dean .....	Comptroller .....	1,500.00
Harold F. Keenan .....	Clerk .....	469.23
Marguerite Lewis .....	Stenographer .....	371.15
Mary Farmer .....	Stenographer .....	284.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
Edith D. Cockins .....	Registrar, Secretary of Faculty and University Editor .....	2,200.00
Clara Miller .....	Assistant in Registrar's Office .....	780.00
Marian H. Waters .....	Assistant in Registrar's Office .....	650.00
Helen M. Clarke .....	Assistant in Registrar's Office .....	780.00
Sara J. Jacobs .....	Assistant in Registrar's Office .....	780.00
Winifred M. Warner .....	Assistant in Registrar's Office .....	780.00
*Lucy M. Taylor .....	Assistant in Registrar's Office .....	750.00
Lester E. Wolfe .....	Secretary of Entrance Board .....	2,200.00
Frances B. Work .....	Stenographer—Entrance Board .....	720.00
Emma Ruth .....	Typist .....	660.00
F. E. Jones .....	Receiving Clerk .....	1,700.00
James Lawson .....	Checking Clerk .....	780.00
Willis Fichtelman .....	Delivery Man .....	660.00
Earl Conway .....	Stock Clerk .....	780.00
Blanche Sullivan .....	Clerk .....	720.00
H. W. Brewer .....	Storekeeper .....	1,020.00
H. W. Miller .....	First Assistant—Laboratory Supply Store .....	900.00
Errett A. Davis .....	Second Assistant—Laboratory Supply Store .....	720.00
Florence Hill .....	Clerk—Laboratory Supply Store .....	720.00
George C. Hayman .....	Third Assistant—Laboratory Supply Store .....	720.00
Mabel Clum .....	Typist—Receiving Department .....	368.70
*Nellie H. Copeland .....	Stenographer—Townsend Hall .....	522.50
W. Aimee Obaugh .....	Stenographer—Townsend Hall .....	720.00
Naomi Haber .....	Clerk—Townsend Hall .....	600.00
Mary Lahmering .....	Stenographer—Lord Hall .....	720.00
Lenora Glasgow .....	Stenographer—Lord Hall .....	780.00
*Mina Kennedy .....	Stenographer—Hayes Hall .....	105.00
*Dora Hepner .....	Stenographer—Robinson Laboratory .....	350.00
Annette M. Shugert .....	Stenographer—Brown Hall .....	720.00
*Helen L. Bush .....	Stenographer—Judging Pavilion .....	75.00
Mary Thomas .....	Stenographer—Botany and Zoology Building .....	660.00
John F. Madden .....	Clerk—Military Department .....	720.00
Charles E. Findlay .....	Clerk—Military Department .....	720.00
W. F. Felch .....	Clerk—Gymnasium .....	720.00
Mabel Moran .....	Stenographer—Veterinary Laboratory .....	660.00
Eva Smith .....	Stenographer—Horticulture and Forestry Building .....	660.00
Hugh Hardy .....	Clerk—Mailing Room .....	840.00
Lurene Wade .....	Clerk—Arts College Office .....	660.00
Alta Eason .....	Stenographer—Dairy Department .....	600.00
Marie D. Haines .....	Sales Clerk—Dairy Department .....	600.00
Gertrude Petty .....	Stenographer—Page Hall .....	495.00
Clarissa Arndt .....	Stenographer—College of Education Office .....	660.00
Helen Silberbert .....	Stenographer—Chemistry Building .....	600.00
Mary J. Hunter .....	Stenographer—Robinson Laboratory .....	600.00
Jessie Bush .....	Stenographer—Physics Building .....	188.45
Carrie F. Dudley .....	Clerk—College of Medicine .....	900.00
Allie F. Harness .....	Clerk—College of Dentistry .....	660.00
*Florence M. Spencer .....	Stenographer—Judging Pavilion .....	480.77
*Margaret W. Fisher .....	Stenographer—College of Homeopathic Medicine .....	500.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
*Ellen A. Rice.....	Stenographer—College of Homeopathic Medicine .....	100.00
*Ruth M. Ford.....	Stenographer—Hayes Hall .....	467.31
*Alma B. Veazey .....	Stenographer—Physics Building .....	362.49
Agnes L. Ryan.....	Stenographer—Townsend Hall .....	394.23
Ada L. Taylor.....	Stenographer—Entrance Board (½ time).....	144.00
*Charles A. Kuntz.....	Stenographer—College of Medicine.....	283.33
*Lulu M. Shepherd.....	Stenographer—Robinson Laboratory .....	246.00
*Edith Rathbun .....	Stenographer—College of Commerce.....	177.78
*M. Grace White.....	Stenographer—Page Hall .....	150.00
J. N. Bradford .....	University Architect .....	2,300.00
Ray Sims .....	Chief Draftsman .....	1,500.00
Coletta Kelley .....	Stenographer .....	780.00
Harry F. Reichard .....	Clerk of the Works.....	1,200.00
C. F. Mayer .....	Draftsman .....	1,000.00
Panfilo Trombetta .....	Robinson Fellow .....	500.00
William C. McCracken .....	Superintendent of Building and Grounds.....	2,750.00
C. M. Dunbar .....	Clerk .....	900.00
Edmund Millfelt .....	Stenographer .....	390.00
*W. B. Booth .....	Assistant Superintendent of Buildings and Grounds .....	405.00
Robert C. Kaiser .....	Plumber .....	1,260.00
H. E. Truxall .....	Painter .....	960.00
E. Inscho .....	Plumber's Helper .....	780.00
T. McGarry .....	Foreman of Campus .....	960.00
H. R. Johnson .....	Tinner .....	960.00
J. Kraner .....	Carpenter .....	1,170.00
*P. S. Neth .....	Carpenter .....	223.04
J. Brain .....	Painter .....	900.00
J. Shotts .....	Painter .....	900.00
E. Long .....	Campus Laborer .....	660.00
L. Stewart .....	Campus Laborer .....	660.00
H. Reasoner .....	Campus Laborer .....	660.00
*J. Vanatta .....	Mower .....	325.00
Jos. Venis .....	Campus Laborer .....	660.00
*Martin Caughlin .....	Carpenter .....	825.00
J. P. Covan .....	Master Mechanic .....	1,740.00
W. H. Case .....	Assistant Chief Engineer.....	1,140.00
Fred Brewer .....	Engineer .....	960.00
W. D. Hicks .....	Engineer .....	960.00
C. Ashenhurst .....	Fireman .....	840.00
Samuel Lowery .....	Fireman .....	840.00
Otto Law .....	Fireman .....	840.00
A. O. Kaiser .....	Helper to Engineer.....	840.00
F. H. Beck .....	Electrician .....	1,140.00
G. W. Dillihunt .....	Assistant Electrician .....	960.00
William Anderson .....	Craneman .....	900.00
B. A. LeBay .....	Steamfitter .....	960.00
I. C. Reasoner .....	Blacksmith .....	840.00
Clinton T. Fippen .....	Helper .....	660.00
C. Woodford .....	Fireman .....	840.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
G. E. Shepherd .....	Steamfitter .....	1,200.00
*John E. B. Snyder .....	Engineer .....	387.93
Charles M. Hicks .....	Inspector .....	960.00
E. J. Nutt .....	Janitor .....	660.00
Richard Brandon .....	Janitor .....	660.00
J. A. Bond .....	Janitor .....	660.00
Robert Hall .....	Janitor .....	287.50
W. M. Stahl .....	Janitor .....	660.00
D. W. Williams .....	Janitor .....	660.00
William Daehler .....	Janitor .....	660.00
W. H. Spurgeon .....	Janitor .....	660.00
M. N. Cook .....	Janitor .....	660.00
Harry Chantler .....	Janitor .....	690.00
John O'Rourke .....	Janitor .....	690.00
O. E. Kiger .....	Janitor .....	660.00
J. J. Weate .....	Janitor .....	660.00
W. W. Whitmer .....	Janitor .....	660.00
Carl C. Lowe .....	Janitor (Student) .....	300.00
S. A. Williams .....	Janitor .....	660.00
Mrs. Lou Cornett .....	Janitress .....	450.00
John W. Brown .....	Janitor .....	660.00
W. E. Simpson .....	Janitor .....	660.00
G. C. Denney .....	Janitor .....	690.00
B. N. Lewis .....	Janitor .....	660.00
Oliver Smith .....	Janitor .....	660.00
R. M. Moore .....	Janitor .....	660.00
Fred Fleischer .....	Janitor .....	690.00
J. W. DeWitte .....	Janitor .....	660.00
Jack Gantz .....	Janitor .....	660.00
Leonard F. Jordan .....	Janitor .....	660.00
B. F. Tallmadge .....	Janitor .....	690.00
G. W. Weygandt .....	Janitor .....	690.00
W. H. Walker .....	Janitor .....	660.00
E. L. Clements .....	Janitor .....	690.00
Oscar Metze .....	Janitor .....	660.00
E. B. Seaman .....	Janitor .....	300.00
G. Miller .....	Janitor .....	660.00
Charles A. Hopkins .....	Janitor .....	660.00
W. Curry .....	Janitor .....	660.00
James E. Halliday .....	Janitor .....	660.00
James Merrill .....	Janitor .....	540.00
Mrs. James Merrill .....	Janitress .....	205.00
Huston Jones .....	Diener .....	600.00
Thomas Evans .....	Janitor .....	540.00
*Frederick Taylor .....	Janitor .....	175.00
William Pohle .....	Janitor .....	600.00
John Long .....	Janitor .....	660.00
Agnes McGrail .....	Janitress .....	450.00
L. W. Richardson .....	Janitor .....	660.00
*E. R. Muse .....	Janitor .....	375.00
*S. T. Brooks .....	Janitor .....	385.00

\*Part time.

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
M. S. Harvey .....	Elevator Man .....	420.00
William North .....	Day Policeman .....	780.00
W. F. Mahaffey .....	Night Watchman .....	750.00
John T. Daniels .....	Night Watchman .....	750.00
H. S. Brown .....	Policeman .....	720.00
Bert E. Faught .....	Laundryman .....	540.00
Myrtle Faught .....	Laundress .....	540.00
*Mary Graham .....	Laundry Helper .....	23.75
H. S. Wingert .....	Professor of Physical Education.....	2,750.00
W. M. Mutchmore .....	Custodian .....	1,200.00
Mary Powers .....	Matron—Rest Room .....	450.00
Alfred R. Barrington .....	Director of Music .....	500.00
Caroline M. Breyfogle .....	Dean of Women .....	2,000.00
*E. Alida Ray .....	Assistant in Office of Dean of Women.....	570.00
Cecil Bayes .....	Herdsman .....	660.00
Arthur Bayes .....	Poultryman .....	720.00
Edward Brown .....	General Helper .....	600.00
Robert Watson .....	Groom .....	720.00
L. H. Myers .....	Teamster .....	600.00
Wm. Franklin .....	Shepherd .....	720.00
Dan Swisher .....	Hog Herdsman .....	600.00
*Alexander Mitchell .....	Herdsman .....	440.00
*George Taylor .....	Herdsman .....	172.00
*Edward Silver .....	Herdsman .....	110.00
A. L. Bates .....	Driver—Dairy Department .....	504.00
LeRoy Wilson .....	Caretaker—Horse Barn .....	660.00
F. M. Ford .....	Teamster .....	660.00
John Rhone .....	Teamster .....	624.00
Charles Pugh .....	Teamster .....	624.00
John S. Long .....	Teamster .....	624.00
Marion Peck .....	Teamster .....	624.00
Edward Karnes .....	Apprentice—Journalism Printing .....	454.98
Aloysius Zierhut .....	Pressman—Journalism Printing.....	896.92
*J. L. Outcalt .....	Printer—Journalism Printing .....	708.31
*Laura E. Dusenberry .....	Pressfeeder—Journalism Printing .....	202.98
*John G. Knight .....	Printer—Journalism Printing .....	673.58
*J. A. Brothers .....	Job Compositor—Journalism Printing .....	464.08
Mabel Romick .....	Clerk—Homeopathic Hospital .....	660.00
Georgia Johnston .....	Housekeeper—Nurses' Home .....	391.41
Marie Smith .....	Waitress—Nurses' Home .....	130.70
Ruth Minocks .....	Housemaid—Nurses' Home.....	77.99

### AGRICULTURAL EXTENSION SERVICE

C. S. Wheeler .....	Director of Agricultural Extension.....	3,150.00
George B. Crane .....	Assistant in Agricultural Extension.....	1,500.00
J. E. McClintock .....	Supervisor of Publications and Correspondence Courses .....	3,000.00
Melvin Ryder .....	Assistant in Publications (part time).....	125.00
M. A. Bachtell .....	Assistant Professor of Agricultural Chemistry .....	2,100.00

\*Part time.



<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
R. B. Cruickshank .....	Assistant Professor of Horticulture.....	2,100.00
W. H. Palmer .....	Assistant Professor of Animal Husbandry....	2,100.00
W. E. Hanger .....	Assistant Professor of Farm Crops.....	1,800.00
H. E. Eswine .....	Assistant in Agricultural Extension.....	1,500.00
Milligan Kilpatrick .....	Instructor in Poultry Husbandry (part time)	1,440.00
Virgil Overholt .....	Instructor in Rural Engineering.....	1,200.00
H. M. Call .....	Assistant in Extension Schools (6 months)..	840.00
Oscar Erf .....	Supervisor of Cow Testing.....	500.00
Edna N. White .....	Supervisor of Home Economics.....	500.00
Rhoda E. Dick .....	Instructor in Home Economics.....	1,400.00
Treva Kauffman .....	Instructor in Home Economics.....	1,300.00
Mary Betz .....	Instructor in Home Economics .....	1,200.00
Maud Okey .....	Instructor in Home Economics.....	1,200.00
Florence Willison .....	Instructor in Home Economics.....	1,100.00
Nan Sharples .....	Instructor in Home Economics.....	1,100.00
Hulda Horst .....	Instructor in Home Economics.....	1,000.00
Mary Graber .....	Instructor in Home Economics.....	1,000.00
Jessie Whitacre .....	Instructor in Home Economics.....	1,000.00
J. W. Wuichet .....	Instructor in Animal Husbandry (2 months)	300.00
John I. Falconer .....	Instructor in Farm Management (2 months)	360.00
H. L. Andrews .....	Assistant in Farm Management (2 months)..	90.00
Quincy Main .....	Assistant in Farm Management (1 month)....	45.00
Edwin Spencer .....	Assistant in Farm Management (2 months)..	90.00
D. D. Hughes .....	Assistant in Farm Management (1 month)....	35.00
Hannah Jones .....	Secretary of Farmers' Institutes (part time)	915.00
Luella Searle .....	Stenographer .....	660.00
Lora James .....	Stenographer (part time) .....	275.00
Lenore Peck .....	Stenographer .....	900.00
Margaret McMillan .....	Stenographer (part time).....	350.00
Elizabeth Hopkins .....	Stenographer .....	660.00
Lillian Peters .....	Clerk (part time) .....	513.33
Helen Davis .....	Stenographer .....	600.00
Helen Bush .....	Stenographer and Clerk (part time).....	525.00
Ethel Schramm .....	Stenographer (part time) .....	342.59
Martha Beach .....	Stenographer (part time) .....	288.00
Ada L. Taylor .....	Stenographer (part time) .....	121.00
Blanche Wilson .....	Stenographer (part time) .....	125.00
Marie Mather .....	Stenographer (part time) .....	141.67
Mary Fouch .....	Stenographer (part time) .....	125.00
Bertha Davis .....	Stenographer (part time) .....	44.23
Dora Armstrong .....	Stenographer (part time) .....	32.31
Elwood Ward .....	Clerk (part time) .....	113.85
Clara Stegner .....	Clerk .....	600.00
Jessie M. Haible .....	Clerk .....	480.00
William C. Joest .....	Clerk (part time) .....	136.00
Howard Kirby .....	Clerk (part time) .....	338.46
Robert Arzt .....	Clerk (part time) .....	450.00
Nellie Weimer .....	Stenographer (part time) .....	146.79

The following named persons received part salary only from the University; the balance from the U. S. Department of Agriculture, the Ohio Agricultural Experiment Station and the counties:

<i>Name of Employee</i>	<i>Position</i>	<i>Salary</i>
G. W. Bush .....	State Leader of County Agents.....	\$1,000.00
M. C. Thomas .....	County Agent .....	1,425.00
H. P. Miller .....	County Agent .....	1,200.00
M. O. Bugby .....	County Agent .....	600.00
E. J. Riggs .....	County Agent .....	750.00
C. E. Bundy .....	County Agent .....	600.00
Victor Herron .....	County Agent .....	350.00
D. R. VanAtta .....	County Agent .....	600.00
D. W. Galehouse .....	County Agent .....	1,200.00
Stanley B. Stowe .....	County Agent (part time).....	150.00
E. A. Brenneman .....	County Agent .....	1,350.00
Joseph P. Hershberger .....	County Agent .....	1,000.00
K. C. Egbert .....	County Agent .....	1,000.00
George R. Eastwood .....	County Agent .....	600.00
Milford Bartter .....	County Agent (part time).....	316.66
Ivan McKellip .....	Field Agent in Dairying (part time).....	366.67
G. N. Dagger .....	Instructor in Farm Management .....	275.00
F. L. Allen .....	Supervisor of Institutes and Schools.....	1,776.61
Estelle I. Byrne .....	Clerk .....	425.00

### PROFESSORS AND OTHER INSTRUCTORS WHO RECEIVE NO COMPENSATION

Walter Quincy Scott .....	Emeritus President and Professor of Philosophy
Thomas Corwin Mendenhall.....	Emeritus Professor of Physics
William Henry Scott .....	Emeritus Professor of Philosophy
David Tod Gilliam .....	Emeritus Professor of Gynecology
Theodore W. Rankin .....	Emeritus Professor of Medicine
John W. Wright .....	Emeritus Professor of Ophthalmology
Charles S. Hamilton .....	Professor of Clinical Surgery
Curtis C. Howard .....	Professor of Toxicology
Thomas C. Hoover .....	Professor of Clinical Surgery
Charles F. Clark .....	Professor of Ophthalmology
William D. Hamilton .....	Professor of Clinical Surgery
James F. Baldwin .....	Professor of Clinical Surgery
Conrade A. Howell .....	Professor of Principles of Surgery
Andre Crotti .....	Professor of Clinical Surgery
Charles W. McGavran .....	Professor of Medicine
John E. Brown .....	Professor of Rhino-Laryngology
William K. Rogers .....	Professor of Otology
William D. Deuschle .....	Professor of Nervous Diseases
Earl M. Gilliam .....	Professor of Diseases of Women
Frank Winders .....	Professor of Medicine and Clinical Medicine
Andrew Timberman .....	Professor of Ophthalmology
Yeatman Wardlow .....	Professor of Clinical Gynecology
Elmer G. Horton .....	Professor of Pediatrics
Charles J. Shepard .....	Professor of Dermatology
Eugene F. McCampbell .....	Professor of Preventive Medicine



<i>Name of Employee</i>	<i>Position</i>
Harry H. Snively .....	Assistant Professor of Obstetrics
Joseph S. Jones .....	Assistant Professor of Therapeutics
Isaac B. Harris .....	Assistant Professor of Surgery
Verne A. Dodd .....	Assistant Professor of Surgery
Jacob J. Coons .....	Assistant Professor of Medicine
Starling S. Wilcox .....	Assistant Professor of Genito-Urinary Surgery
Thomas G. Youmans .....	Assistant Professor of Genito-Urinary Surgery
Alexander M. Steinfeld .....	Assistant Professor of Orthopedic Surgery
Edwin A. Hamilton .....	Assistant Professor of Proctology
Wells S. Teachnor .....	Assistant Professor of Proctology
Leslie M. Lisle .....	Assistant Professor of Physical Diagnosis
Charles F. Bowen .....	Assistant Professor of Roentgenology
John A. Riebel .....	Assistant Professor of Genito-Urinary Diseases
Charles S. Means .....	Instructor in Ophthalmology
Charles F. Gilliam .....	Instructor in Mental Diseases
Florus F. Lawrence .....	Instructor in Clinical Surgery
Halbert B. Blakey .....	Instructor in Medicine
George C. Schaeffer .....	Instructor in Ophthalmology
John W. Means .....	Instructor in Surgery
Leslie L. Bigelow .....	Instructor in Surgery
Fred Fletcher .....	Instructor in Surgery
Hugh J. Means .....	Instructor in Roentgenology
George T. Harding .....	Instructor in Nervous Diseases
Harley O. Bratton .....	Instructor in Genito-Urinary Surgery
John B. Alcorn .....	Instructor in Laryngology
Andrew W. Prout .....	Instructor in Rhino-Laryngology
Roscoe R. Kahle .....	Instructor in Surgery
G. H. Williams .....	Instructor in Mental Diseases
Edward C. Ludwig .....	Instructor in Anaesthetics
C. D. Hoy .....	Assistant in Clinical Surgery
Harry E. Myers .....	Assistant in Gynecology
A. B. Landrum .....	Assistant in Genito-Urinary Diseases
Ivor G. Clark .....	Assistant in Ophthalmology
Samuel Forsythe .....	Assistant in Rhino-Laryngology
Joseph M. Gallen .....	Assistant in Surgery
A. G. Helmick .....	Assistant in Clinical Pediatrics
L. M. Herskowitz .....	Assistant in Medicine
C. W. Hadley .....	Assistant in Obstetrics
Philip Wilson .....	Assistant in Clinical Surgery
O. M. Kramer .....	Assistant in Physical Diagnosis
F. C. Boudreau .....	Assistant in Physical Diagnosis

# APPENDIX IV

## THE WORK OF INSTRUCTORS 1915-1916

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>AGRICULTURAL CHEMISTRY</b>						
General Agricultural Chemistry.....	103	5	174	104	5	156
Household Chemistry .....	124	41	65	123	54	75
Research Work .....	131	3-8	5	132	3-8	7
Dairy Chemistry .....	107	4-5	6	108	4-5	4
Chemistry of Soils.....	109	3-5	9	110	3-5	11
Food Inspection and Analysis.....	121	3-5	10	122	3-5	9
Chemistry of Food and Nutrition.....	125	4	10	126	4	10
Advanced Agricultural Analysis.....				106	3	1
Application of Chemistry to Agriculture (Short Course) .....	51	4	122	52	4	99
Chemistry of Plants (Short Course).....	53	4	82			
Feeds and Feeding (Animal Husbandry 105).....		3	93			
Conducted by this Departemnt for six weeks at beginning of the Semester						
Soil Fertility—8 Weeks Course.....			133			
<b>AGRICULTURAL ENGINEERING</b>						
Farm Engineering .....	101	4	63	101	4	70
Farm Architecture .....	103	3	12			
Drainage .....				106	3	32
Farm Power .....	107	3	18			
Concrete Construction .....				108	3	10
Advanced Farm Machinery .....				110	2	14
Farm Structures .....	51	4	46	51	4	42
Farm Machinery .....	52	4	42	52	4	36
<b>AGRONOMY</b>						
Elementary Soils .....				104	4	158
Forest Soils .....	123	2	12			
Advanced Soils .....	107	4	25			
Soil Management .....	53	4	86	54	4	84
Research .....	119	2-4	6			
Thesis .....		2	3			
Research .....				120	5	7
Thesis .....					2	2
<b>AMERICAN HISTORY</b>						
History of the United States (1763-1912).....	101	3	339	102	3	277
History of the United States (1763-1912).....				101	3	56
The American Colonies, 1600-1783.....	103	3	7	104	3	1
Formation of the Constitution.....	107	2	19			
Constitutional History of the United States.....				108	2	22
Early Political Parties in the United States.....	109	2	15			
Political Parties in the United States (1852-1912).....				110	2	17
Early American Diplomacy, 1776-1850.....	113	3	8			
Problems of American Diplomacy, Since 1850.....				114	3	13



## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
AMERICAN HISTORY—Concluded						
History of the Westward Movement to 1812.....	115	3	5			
History of the Westward Movement since 1812.....				116	3	9
Introduction to Historical Research.....	119	2	6	120	2	3
The Teaching of American History.....	121	2	15			
Recent History of the United States (1870-1910)....	123	3	12	124	3	10
Reconstruction of the South (1862-1870).....	201	2	2			
Political History of the South (1870-1900).....				202	2	2
Graduate Seminar (Early Ohio History).....	205	2	1	206	2	1
ANATOMY						
Comparative Anatomy of Vertebrates.....	101	3-5	14	102	3-5	77
Vertebrate Embryology.....	103	3-5	4	104	3-5	3
Anatomy of the Frog.....	105	3-5	0	106	3-5	0
Comparative Neurology.....	109	3-5	3	110	3-5	6
Seminar.....	111	1	4	112	1	4
Human Anatomy (College of Dentistry).....	125	4	83	126	4	79
Applied Anatomy (College of Dentistry).....	131	3	44			
Histology and Embryology (College of Dentistry)...	139	3	83	140	3	79
Dental Anatomy (College of Dentistry).....	145	1	78	146	1	75
Dental Technics (College of Dentistry).....	147	1	78			
Human Anatomy (College of Homeo. Med.).....	123	6	11	124	6	10
Applied Human Anatomy (Col. of Homeo. Med.)...	129	3	not taken			
Histology (College of Homeo. Med.).....	137	4	10	138	4	10
Human Anatomy (College of Medicine).....	121	6	23	122	4	22
Applied Human Anatomy (College of Medicine)....	127	3	30			
Histology and Emb. (College of Medicine).....	133	6	19	134	4	18
Neurology (College of Medicine).....				136	4	18
Embryology (College of Veterinary Medicine).....				142	4	35
The Eye, Course in Applied Optics.....	145	4	0			
Vertebrate Emb., Graduate School.....	201	3-5	3	202	3-5	3
Research Work, Graduate School.....	203	5-10	3	204	5-10	3
ANIMAL HUSBANDRY						
Types and Classes of Cattle and Sheep.....	101	4	274			
Types and Classes of Horses and Swine.....				102	4	238
Breeds of Horses and Sheep.....	103	4	42			
Breeds of Cattle and Swine.....				104	4	51
Feeding Animals.....	105	4	86			
Principles of Breeding.....				106	4	47
Animal Conformation and Stock Judging.....	107	4	29			
Live Stock Management.....				108	4	26
Horse Training, Harness and Vehicles.....	109	2	19			
Meats and Meat Products.....				110	1	15
Live Stock Marketing and Commerce.....				112	3	12
Dairy Cattle.....				116	4	20
Poultry Husbandry.....	117	3	15			
Poultry Husbandry.....				118	4	18

## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>ANIMAL HUSBANDRY—Concluded</b>						
Poultry Management .....	119	2	4			
Poultry Feeding .....				120	1	5
Poultry Culture .....				121	1	17
Incubator Practice .....				122	1	7
Types and Breeds of Live Stock .....				132	3	37
Types and Breeds of Live Stock .....	51	4	121	52	4	115
Feeding Animals .....				54	4	79
<b>ARCHITECTURE</b>						
History of Architecture .....	101	3	30	102	3	28
Order Problems .....	103	2	24	104	5	24
Design, Junior .....	107	5	15	108	4	14
Decoration and Ornament .....	109	3	13			
Architectural Composition .....	113	2	16			
Design .....	115	4	18			
Plumbing .....	117	1	19			
Masonry .....	119	2	21			
Fireproofing .....	123	2	18			
Water Color Rendering .....	125	2	18			
Working Drawings .....				110	4	13
Design .....				114	3	19
Professional Practice .....				116	4	19
Thesis .....				118	5	16
Shades, Shadows and Perspective .....				124	3	29
<b>ART</b>						
Elementary Drawing .....	131	2	65	131	2	15
Elementary Drawing .....				132	2	43
Advanced Drawing .....	133	2	23			
Life Drawing .....	134	3	4	134	3	1
Illustrative Drawing .....	135	3	4	135	3	4
Water Color Painting .....				136	2	33
Advanced Water Color .....				137	3	2
Oil Painting .....	138	3	2			
Advanced Oil Painting .....				139	3	2
Elementary Design .....				141	2	22
Advanced Design .....	142	3	7	142	3	4
Specialized Design .....				143	3	4
History of Classic Art .....	151	3	16			
History of Byzantine and Gothic Art .....				152	3	19
History of Renaissance and Modern Art .....	153	3	6			
Art of China and Japan .....	157	3	2			
Costumes Design .....	121	2	34	121	2	19
Appreciation of Art .....	119	1	207	119	1	60
The Theory and Practice of Teaching Art .....	117	3	4			



## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>ASTRONOMY</b>						
General Astronomy .....	101	3	35	102	3	30
Astronomy, Geodasy and Least Squares.....	104	3	34	105	3	27
Astronomy, Geodasy and Least Squares.....	105	3	18			
Advanced Astronomy .....	107	2	1	108	2	1
The Theory of Lenses.....	109	4	1	110	4	1
<b>BACTERIOLOGY</b>						
General and Pathogenic Bacteriology (Veterinary) ..	101	4	51	102	2	25
Pharmacy Bacteriology .....	107	4	150			
General Bacteriology .....				108	2-5	90
Pathogenic Bacteriology .....				110	2-5	22
Dairy Bacteriology .....				112	2-5	12
Soil Bacteriology .....				114	2-5	6
Water Filtration and Sewage Disposal.....				116	2-5	11
Bacteriological Chemistry .....	117	2-4	59	118	2-4	33
Immunity and Serum Therapy .....				120	2-4	12
Pathogenic Protozoa .....	121	2-5	1	122	2-5	2
Advanced Dairy Bacteriology.....	125	2-5	5	126	2-5	2
Special Problems in Bacteriology.....						
<b>BIBLIOGRAPHY</b>						
Agricultural Bibliography .....	103	½	188			
Bibliography for Social Sciences .....	105	1	17			
Bibliography for Social Sciences .....				106	1	16
<b>BIBLICAL LITERATURE</b>						
Biblical Literature, History and Exegesis.....	103	3	15	104	3	10
<b>BOTANY</b>						
General Botany .....	101	4	278	102	4	243
Plant Histology .....	107	2	1			
General Dendrology .....				110	2	30
Elementary Botany .....				112	4	25
Morphology of the Higher Fungi.....	113	3	6			
Plant Pathology .....				116	3	35
Forest Ecology .....	117	4	8	118	4	8
Field Botany .....				120	3	8
Plant Genetics .....	121	3	23			
Plant Physiology .....	125	4	41	126	4	39
General Plant Pathology .....	127	4	12	128	4	11
Systematic Botany .....	129	3-5	11	130	3-5	9
Minor Investigations .....				134	3-5	5
Evolution of Plants .....	135	1	15	136	1	12
Seminar in Botany .....	137	1	5	138	1	4
Advanced Mycology .....	139	3-5	3	140	3-5	1
Dendrology of Conifers.....				142	2	11

## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Total No. of Students in all Sections	Credit Hours	Course Number	Course Number	Credit Hours	Total No. of Students in all Sections
<b>BOTANY—Concluded</b>						
Plant Distribution .....	143	3	1	144	3	1
Research in Systematic Botany (Grad.).....	201	3-10	5	202	3-10	2
Research in Morphology and Cytology (Grad.).....	203	4-10	2	204	3-10	5
Research in Physiology and Ecology (Grad.).....	205	4-10	2	206	4-10	1
Research in Mycology and Plant Pathology (Grad.) .....	207	4-10	3	208	4-10	3
<b>CERAMIC ENGINEERING</b>						
Ceramic Chemistry .....	101	4	36	102	4	32
Ceramic Calculations .....	105	2	22			
Physical and Chemical Measurements of Clays.....				108	3	15
Laboratory Work in Ceramics.....	111	5	9	112	5	8
Ceramic Designing .....	113	5	8	114	5	7
Laboratory Work in Ceramics.....	115	2	6	126	5	5
Cement Manufacture .....				118	5	0
Dryer and Kiln Designs.....				122	4	4
Ceramic Lectures .....	141	3	35	142	3	26
Ceramic Manufacture .....	143	3	22	144	3	18
Thesis .....				116	4	9
<b>CHEMISTRY</b>						
Elementary Chemistry .....	101	4	10			
Elementary Chemistry .....				102	4	9
Elementary Chemistry .....	105	4	608			
Elementary Chemistry and Qualitative Analysis.....				106	4	534
General Chemistry .....	109	4	423			
General Chemistry and Qualitative Analysis.....				110	4	391
Advanced General Chemistry .....	113	2	103			
Advanced General Chemistry .....				114	2	95
Qualitative Analysis .....	117	3	13			
Quantitative Analysis .....	119	4	104			
Quantitative Analysis .....				120	4	76
Quantitative Analysis .....	121	1	24			
Chemical Problems .....				124	1	62
Organic Chemistry .....	127	4	103			
The Reading of Chemical Literature.....				136	2	19
Thesis .....				140	4	14
Organic Chemistry .....	151	2	96			
Organic Chemistry .....				152	2	76
Organic Chemistry .....	153	2 or 3	69			
Organic Chemistry .....				154	2 or 3	44
Physical Chemistry .....	157	3	58			
Physical Chemistry .....				158	3	52
Physical Chemistry .....	161	2 or 3	4			
Physical Chemistry .....				162	2 or 3	5
Quantitative Analysis .....	165	2	13			
Special Methods of Analysis.....	167	3 to 5	8			
Qualitative Analysis .....				168	3 to 5	24



## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
CHEMISTRY—Concluded						
Quantitative Analysis .....	169	3 to 5	6			
Sanitary Analysis .....				176	3	25
Industrial Chemistry .....	177	2	31			
Industrial Chemistry .....				178	1	28
Industrial Chemistry .....				182		18
Industrial Chemistry .....	185	2	25			
Industrial Chemistry .....				186	3	25
Inorganic Preparations .....	187	2 or 3	18			
Inorganic Preparations .....				188	3	8
Applied Electro Chemistry .....				194	2	18
Physical Chemistry .....	201	3	4			
Physical Chemistry .....				202	3	5
Organic Chemistry .....	205	3 to 5	10			
Organic Chemistry .....				206	3 to 5	9
Inorganic Preparations .....	209			210	3	1
Historical Chemistry .....	213	2	1			
Organic Chemistry .....				218	2	8
Inorganic Chemistry .....	221	2	5			
Advanced Industrial Chemistry .....	225	2	5			
		5 to				
Research Work .....	235	10	12			
					5 to	
Research Work .....				236	10	17
CIVIL ENGINEERING						
Land Surveying .....	101	4	45			
Field Practice .....	101a	1	41			
Topographic Drawing .....	103	2	39			
Summer Surveying Camp .....	104	4	15			
Topographic Surveying .....	105	3	34			
Stereotomy .....	107	3	37			
Sanitary Engineering .....	109	2	39			
Summer Surveying Camp .....	111	4	5			
Bridge Designing .....	113	4	24			
Masonry Construction .....	115	3	26			
Water Supply .....				117	3	23
Cement and Concrete .....	118	3	23			
Thesis .....	119	1	25			
Surveying and Topographic Drawing .....	121	6	6			
Trusses .....	123	3	23			
Tall Buildings .....	125	3	25			
Railroad Surveying .....				102	3	38
Field Practice .....				102a	1	37
Roads and Streets .....				106	3	42
Timber Construction .....				108	3	34
Stresses in Structures .....				110	4	38
Railway Location .....				112	4	15
Advanced Bridges .....				114	4	8
Masonry Structures .....				116	3	22

## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>CIVIL ENGINEERING—Concluded</b>						
Cement and Concrete .....				118	3	31
Contracts and Specifications .....				120	2	19
Thesis .....				122	4	25
Trusses .....				124	3	41
Timber and Masonry .....				126	2	30
Plane Surveying .....				128	2	71
<b>DAIRYING</b>						
Principles of Dairying .....	101	4	132			
Farm Dairying .....				102	4	28
City Milk Supply .....	103	2-4	8	104	2-4	31
Buttermaking .....	105	4	13	106	4	14
Cheesemaking .....	107	3	6	108	3	10
Ice Cream Making and Milk Condensing .....				110	5	14
Dairy Mechanics .....	111	3	8			
Advanced Dairying .....	113	3	12	114	3	13
Dairy Production .....				52	3	60
Farm Dairy Manufactures .....	53	3	49			
Specialized Dairying .....				56	3	
Specialized Dairying .....	57	4		58	4	
<b>DENTISTRY</b>						
Dental Medicine, Junior .....	131	1	45	132	1	45
Dental Medicine, Senior .....	133	1	33	134	1	33
Oral Hygiene .....	129	1	44			
Operative Technic .....	109	1	44			
Operative Dentistry, Junior .....	101	1	44	102	1	45
Operative Dentistry, Senior .....	103	1	33	104	1	33
Clinical Operative Dentistry, Junior .....				106	1	45
Clinical Operative Dentistry, Senior .....	107	1	33			
Porcelain Technic .....				124	1	45
Orthodontia Technic .....				118	2	45
Orthodontia .....	119	1	33	120	1	33
Oral Surgery .....	129	1	33	130	1	33
Operative Clinic, Junior .....				114	2	44
Operative Clinic, Senior .....	115	11	33	116	11	33
Anaesthetics .....	111	1	33	112	1	33
Prosthetic Dentistry, Freshman .....	101	6	78	102	6	75
Prosthetic Dentistry, Junior .....	103	3	45	104	3	45
Crown and Bridge, Junior .....	107	3	44	108	2	44
Crown and Bridge, Senior .....	109	1	33	110	1	33
Continuous Gum Work .....				114	1/2	33
Dental Jurisprudence .....				120	1/2	33
Dental Ethics, Economics, and Practice .....				122	1/2	33
Radiography .....	123	1/2	33			



## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
ECONOMICS AND SOCIOLOGY						
Economic and Social History of England and U. S. ....	131	3	86	131	3	99
Economic Geography .....	133	3	70	133	3	79
Principles of Economics .....	135	3	402	135	3	75
Principles of Economics .....	136	3	43	136	3	368
Seminary in Economics .....	145	2	6	146	2	6
Business Law .....	149	3	45	149	3	27
Graduate Seminary in Economics .....	207	2	6	208	2	6
Elements in Accounting .....	139	3	82			
Accounting Practice .....	173	3	17			
Public Finance .....	141	2	18			
Money and Currency .....	153	3	34			
Crises and Panics .....	179	2	22			
Life Insurance .....	157	2	23			
Railway Economics .....	167	3	33			
Commercial Policies .....	160	3	13			
Advanced Economic Theory .....	169	2	6			
Corporation Economics .....	163	3	40			
Labor Legislation .....	165	3	18			
Economic Statistics .....	177	2	12	178	2	7
Problems of Taxation .....				144	2	9
Financial History of the U. S. ....				148	2	4
Property Insurance .....				158	2	34
Foreign Markets and the Consular System .....				162	3	8
Industrial Organization .....				164	3	49
The Organization and Remuneration of Labor .....				166	3	22
Railway Organization and Administration .....				168	3	25
Unsettled Questions of Economic Theory .....				170	2	5
Principles of Accounting .....				171	3	62
Auditing .....				174	3	17
Principles of Advertising .....				175	3	31
The Stock Exchange and Investments .....				180	2	20
Banking and Foreign Exchange .....				154	3	27
Economic History of the U. S. ....				182	3	9
Principles of Sociology .....	101	3	321	102	3	284
The Family .....	107	3	15	101	3	62
Poverty .....	111	3	34			
Historic Socialism and Social Reform .....	113	3	4			
Anthropology .....	123	3	20			
Social Order and Social Control .....	125	3	3			
Field Work in Sociology .....	115	2	12	116	2	9
Seminary in Sociology .....	117	2	6	118	2	6
Graduate Seminary in Sociology .....	207	2	6	208	2	6
History and Theory of Leisure .....	127	3	16			
The Immigrant .....				104	3	12
Recent Socialism and Social Reform .....				114	3	2
Ethnology .....				124	3	16
Play and Recreation .....				128	3	14
Preventive Philanthropy .....				112	3	26

## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>ECONOMICS AND SOCIOLOGY—Concluded</b>						
The Household .....				120	3	10
Social Progress .....				126	3	5
<b>ELECTRICAL ENGINEERING</b>						
Electrical Engineering .....	101	5	54			
Electrical Engineering .....	103	2	14			
Direct Current Machinery .....				104	5	30
Applications of Electricity .....				106	1½	30
Alternating Current Circuits and Machinery .....				108	1½	32
Alternating Current Machinery .....	109	3	25			
Alternating Current Laboratory .....	111	3	24			
Advanced Alternating Current Laboratory .....				112	3	24
Electric Railways .....	113	2	7			
Telephony .....	115	2	9			
Electric Illumination .....	117	2	4			
Wireless Telegraphy .....	119	2	8			
Electrical Design .....	121	3	25	122		
Electrical Transmission and Distribution .....				124	3	24
Special Reading and Laboratory .....	125	2	1	126	2	5
Thesis .....	127	1	24	128	5	24
Inspection Trip (Senior) .....				130		20
Inspection Trip (Junior) .....				131		32
Reading Course .....				134		1
Advanced Laboratory .....				138	2	2
Advanced Alternating Current Machinery .....	201	2	1	201	2	5
Transient Electric Phenomena .....	203	2	4	204		
Advanced Alternating Current Dynamo Laboratory .....	205	2	6	206	2	4
Research Work .....	207	9	1	208	9	1
Research Work .....				208	5	1
<b>ENGINEERING DRAWING</b>						
Elementary Mechanical Drawing .....	101	2	359	101	2	10
Mechanical Drawing .....				102	3	317
Descriptive Geometry .....	103	3	173			
Machine Sketching .....				104	3	119
Descriptive Geometry .....	105	3	48			
Advanced Descriptive Geometry .....				106	3	35
Descriptive Geometry .....	107	3	26			
Technical Sketching .....				110	2	33
Technical Drawing .....	111	2	69			
Free-hand Drawing and Lettering .....	113	4	6			
Mechanical Drawing .....				114	3	6
Technical Drawing .....	121	2	18			
Technical Drawing .....				122	2	16
Engineering Drawing .....	123	2	20	123	2	1
Mechanical Drawing .....	125	2	170	125	2	95
Mechanical Drawing .....	127	1½	61			



## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
House Planning .....				128	1½	57
Elementary Drawing .....	129	1	5			
Free-hand Lettering and Mechanical Sketching .....				130	2	5
The Teaching of Mechanical Drawing .....	131	3	6	132	3	6
ENGLISH						
Elementary English Composition (Short Agr.) .....	91	3	124	92	3	102
Paragraph Writing: Description and Narration .....	101	2	1263	101	2	199
Paragraph Writing: Exposition and Argumentation .....	104	2	74	104	2	1017
Descriptive and Narrative Writing .....	105	2	56			
Expository Writing .....				106	2	30
Advanced Composition .....	107	2	43	108	2	39
Advanced Argumentation and Debate .....	111	3	4	112	3	4
Public Speaking .....	121	2	144			
Debating .....				122	2	82
Extempore Speaking .....				124	2	5
Forms of Public Address .....	125	2	16	126	2	12
History of the English Language .....	127	2	55			
English Words .....				128	2	95
Survey of English Literature .....	131	3	314	131	3	157
Survey of American Literature .....	133	3	66	133	3	256
Literature in the Seventeenth Century .....	135	2	23			
Poetry in the Eighteenth Century .....				136	2	31
Eighteenth Century Essayists .....	137	2	27			
Nineteenth Century Essayists .....				138	2	44
Nineteenth Century Poetry .....	141	3	48	142	3	47
Old and Middle English .....	151	3	8	152	3	9
Chaucer and his Contemporaries .....				153	3	5
English Medieval Literature to Chaucer .....	154	3	5			
The Novel .....	155	3	51	156	3	52
Versification .....	157	3	11			
The Short Story .....				158	3	25
Early Popular Drama .....	165	3	10			
The Drama—1580 to 1642 .....				166	3	12
Shakespeare .....	167	3	66	168	3	79
Modern English Drama .....	169	2	23	170	2	25
The Teaching of English .....	181	2	30	182	2	35
History of the Short Narrative in English .....	201	2	5			
The Lyric .....				202	2	4
History of Critical Theory .....	205	2	9			
Problems in the Drama .....				206	2	10
The Later Novel .....	207	2	7			
The Later Poetry .....				208	2	9
English and Scottish Popular Ballads .....	209	2	7			
English Usage .....				210	2	5
Discussions of Dissertations .....	219	2	13	220	2	15
EUROPEAN HISTORY						
Medieval History .....	101	3	312			
Modern History .....				102	3	227

## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
EUROPEAN HISTORY—Concluded						
English History .....	103	3	66			
English History .....				104	3	70
History of Greece .....	105	3	21			
History of Rome .....				106	3	20
History of Germany .....	119	2	15			
History of Germany .....				120	2	14
Age of the Renaissance, 1250 to 1500, A. D. ....	109	2	10			
Period of the Reformation .....				110	2	13
Constitutional History of England .....	113	3	6			
Constitutional History of England .....				114	3	6
Europe and Africa, India, and Australia .....	115	2	5			
The Eastern Question .....				116	2	9
Medieval Civilization .....	107	2	21			
Medieval Civilization .....				108	2	21
Europe from 1815 to 1915 .....	123	3	22			
Europe from 1815 to 1915 .....				124	3	22
Medieval and Modern European History .....	127	3	6			
Medieval and Modern European History .....				128	3	10
The Teaching of European History .....				152	2	15
Seminar in Modern European History .....	203	2	3			
Seminar in Modern European History .....				204	2	3
FARM CROPS						
Field Crop Production .....	106	4	69			
Cereal Crop Production .....	109	3	23			
Advanced Crop Production .....	115	3	2			
Advanced Crop Improvement .....	117	3	2			
Field Crop Production .....				106	4	55
Forage Crop Production .....				111	3	29
Field Crop Improvement .....				113	3	11
Advanced Crop Production .....				116	5	3
Advanced Crop Improvement .....				118	5	2
<i>Three Year Course and Winter Course, 18 Weeks</i>						
Crop Production .....	51	4	117	52	4	117
FORESTRY						
Introduction to Forestry: Silvics .....	101	2	22	102	2	20
History and Relations .....	103	2	7			
Arboriculture .....				104	3	13
Silviculture .....	105	3	11	106	3	9
Forest Mensuration .....	107	4	14			
Forest Protection .....	111	2	14			
Forest Craft .....				112	2	15
Forest Economics .....	113	2	9			
Forest Policies .....				114	2	9
Forest Products .....				116	4	16
Seminar .....	117	1	13	118	1	12



## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
FORESTRY—Concluded						
Advanced Forestry .....	119	3-5	7	120	3-5	9
Lumbering .....	121	3	4			
Forest Utilization .....				122	4	5
Forest Management .....	123	4	8			
Forest Finances and Admin. ....				124	2	13
Silvicultural Problems .....				126	3	12
Principles of Forestry .....	127	2	2			
GEOLOGY						
Economic Geology .....	167	3	15			
Applied Geology .....	153	3	154			
Inorganic Geology .....	103	3	35			
Petrography .....				166	2	9
Glacial Geology .....				106	3	5
Physiography .....	101	3	152	102	3	127
Physiography of Central Ohio .....	111	3	3			
Minor Investigations, etc. ....	141c	2	1	142c	2	1
Physiographic Geology .....				116	3	9
General Geology (Agriculture) .....	151	3	149	151	3	102
General Geology (Engineering) .....	165	3	18	168	3	42
Field Geology .....	105	3-5	5			
Invertebrate Paleontology .....	107	2 or 3	9	108	2 to 5	5
Historical Geology .....				104	3	29
Advanced Historical Geology .....	201	5	1	202	5	1
Research Work .....	203a	10	1			
Minor Investigations, etc. ....				142a	3	1
GERMAN						
				101	4	29
Elementary German .....	101	4	216	102	4	189
	102	4	27	103	4	53
Intermediate German .....	103	4	239			
Easy Classical Reading and Composition .....	104	4	25	104	4	171
Science Reading .....				106	4	115
Advanced German .....	107	4	36	108	4	25
Classical and Modern Writers .....	115	2	37	116	2	31
Schiller: Introduction to Life and Works .....	117	2	21	118	2	19
Nineteenth Century Drama .....	119	2	45	120	2	38
Conversation and Prose Composition .....	131	2	52	132	2	41
Conversation .....	133	2	16	134	2	7
<i>For Advanced Undergraduates and Graduates</i>						
Goethe: Introduction to Life and Works .....	151	3	14	152	3	15
Volkslied .....	157	2	6			
Volksbuecher, Maerchen, und Sagen .....				158	2	7
Romantic Writers .....	161	2	6	162	2	5
Nineteenth Century Lyric .....	163	2	14	164	2	15
Advanced Prose Composition .....	171	2	3	172	2	3
The Teaching of German .....	173	2	8			

## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
GERMAN—Concluded						
<i>For Advanced Undergraduates and Graduates—Concluded</i>						
Grammar Review .....				174	2	8
Phonetics .....	175	2	13			
Interpretative Reading .....				176	2	5
Middle High German .....	177	2	1			
History of the German Language .....				178	2	3
<i>For Graduates</i>						
Advanced Middle High German .....	201	2	4	202	2	3
Franz Grillparzer .....	209	2	3	210	2	5
Seminar in German Literature .....	215	2	5	216	2	5
GREEK						
Elementary Greek .....	101	4	9	102	4	8
Xenophon and Herodotus .....	105	4	5			
Herodotus and Homer .....				106	4	4
Lysias and Plato .....	107	3	4			
Plato and Euripides .....				108	3	5
Greek Art .....	115	2	25	116	2	26
Life and Literature of the Greeks .....	123	2	4	124	2	4
Historical Greek Grammar .....				122	2	2
COMPARATIVE LITERATURE AND LANGUAGE						
Principles of the Historical Study of Language .....	195	2	3			
HISTORY OF EDUCATION						
History of Education, 11 A. M. and 4 P. M. Sections .....	101	3	118			
History of Education, 11 A. M. and 4 P. M. Sections .....				102	3	110
Educational Classics .....	105	2	7			
Educational Classics .....				106	2	9
Comparative Education .....	107	2	2			
Comparative Education .....				108	2	4
History of Education in the United States .....				109	2	3
Seminar in the History of Education .....	121	2	4			
Seminar in the History of the United States .....				122	2	3
HOME ECONOMICS						
Foods .....	101	5	79	102	5	75
Sanitation .....	104	3	30	104	3	50
Seminar .....	105	2-5	53	106	2-5	51
Teaching of Home Economics .....	108	2	57	109	2	57
Teaching of Home Economics .....				108	2	60
Dietetics .....	110	4	16	110	4	32
Textiles .....	111	2	141	112	2	125
Dress .....	113	3	42	113	3	15



## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
HOME ECONOMICS—Concluded						
Dress .....				116	3	33
The House .....	118	3	9	118	3	39
The House .....	119	3	36	119	3	28
Advanced Foods .....	121	3	21			
Graduate Work .....			1			
HOMEOPATHIC MEDICINE						
Clinical Diagnosis						
Physical .....				102	2	13
Laboratory .....	103	2	7	104	2	7
Differential .....	107	2	8	108	2	8
Eye, Ear, Nose, Throat						
General .....	105	2	7	106	2	7
Operative .....	107	4	8	108	4	8
Gynaecology and Obstetrics						
Elementary Gynaecology .....	105	3	7			
Operative Gynaecology .....	107	3	8			
Normal Obstetrics .....				106	3	7
Abnormal Obstetrics .....				108	3	8
Internal Medicine						
Practice of Medicine .....	105	4	7	106	4	7
Practice of Medicine .....	107	4	8	107	4	8
Pediatrics .....	115	2	15	116	2	15
Nervous Diseases .....	123	1	8	124	1	8
Materia Medica						
Principles .....	101	1	11	102	1	11
Elective Affinities .....	103	3	13			
Laboratory .....				104	3	13
Homeopathic Therapeutics .....	105	3	15	106	3	15
Homeopathic Therapeutics .....	107	3	15	108	3	15
Surgery (Homeopathic)						
Minor .....	101	2	13			
Clinical .....	105	3	7	106	3	7
Operative .....	107	4	8	108	4	8
HORTICULTURE						
Principles of Horticulture .....	101	4	40			
Small Fruits and Grapes .....				120	4	33
Pomology .....	105	4	40	106	4	30
Plant Variations .....	107	3	24			
Landscape Architecture .....				156	3	22
Experimental Horticulture .....	109	3	20	110	3	19
Farm Horticulture .....				118	4	129
Systematic Pomology .....	121	4	10	122	4	10
Commercial Vegetable Gardening .....	103	4	21	104	4	15
Systematic Vegetable Gardening .....	131	4	3			
Greenhouse Constructoin and Management .....				132	4	4
By-Products .....	133	3	25			
Plant Materials .....	151	2	15	152	2	9

## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>HORTICULTURE—Concluded</b>						
Landscape Design .....	157	3	6	158	3	6
Landscape Surveying .....				164	3	7
Horticulture Plant Forms .....	51	4	10	52	4	10
Principles of Horticulture .....	53	4	90	54	4	87
Vegetable Gardening .....	55	4	5	56	4	5
Pomology .....	57	4	6	58	4	6
Winter Course Pomology .....			37			
Winter Course Vegetable Gardening .....			13			
<b>INDUSTRIAL ARTS</b>						
Tools and Machines .....				101	3	4
Designing .....				103	1	4
Machine Design .....				112	2	23
Shop Buildings .....				114	2	19
Carpentry .....	101	2	143	101	2	87
Forging .....	103	2	101	103	2	103
Foundry .....	105	2	47	105	2	12
Chipping and Filing .....	107	2	46	107	2	10
Joinery and Pattern Making .....	109	2	38	109	2	19
Advanced Pattern Making .....	111	1	30	111	1	15
Cabinet Making .....	113	2		113	2	9
Forging .....	115	2	41	115	2	31
Advanced Forging .....				118	2	
Machine Work .....	119	3	43	119	3	38
Advanced Machine Work .....	121	3	20	121	3	37
Advanced Machine Work .....	123	2	1	123	2	2
Construction Work .....	125	2		125	2	
Tool Making and Jig Work .....	127	3		127	3	
Wood-turning and Pattern-making .....	129	3	5	130	3	5
Advanced Cabinet Work .....				131	3	1
Elementary Woodwork .....				133	2	3
Carpentry .....	51	3				
Forging .....				52	3	
<b>JOURNALISM</b>						
News Collecting and News Writing .....	101	3	73			
Newspaper Practice and Principles .....				102	3	53
Newspaper Practice .....	105	3	23			
Newspaper Practice .....				106	3	18
Newspaper Problems .....	109	2	11			
Newspaper Problems .....				110	2	9
<b>LATIN</b>						
Cicero, Ovid, Horace, Livy, Sallust, Plautus and Terence .....	101	4	48	102	4	45
Pliny or Cicero; Catullus or Tacitus, Horace, Roman Comedy, Petronius, Seneca .....	103	3	18	104	3	19



## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
LATIN—Concluded						
Roman Satire; Juvenal or Persius; The Roman Novel	105	2	7	106	2	7
Roman Art and Archaeology	109	1	4	110	1	4
Roman and Comparative Literature	111	1	13	112	1	12
Pro-Seminar	113	3	9	114	3	8
Latin Prose Composition	115	3	10	116	3	8
Advanced Prose Composition	119	1	2	120	1	2
Roman Prose Authors; Roman Poets	121	2	4	122	2	4
Historical Latin Grammar; Sounds and Forms	123	1	1	124	1	7
Historical Latin Grammar; Syntax	125	1	6	126	1	8
Methods of Teaching Latin	129	2	15			
Elementary Latin and Caesar	147	4	11	148	4	10
Cicero and Virgil	149	4	4	150	4	4
Roman Religion	201	1	4	202	1	3
Epigraphy and Palaeography	213	2	3	214	2	3
Special, Seneca and Tacitus		3	1		3	1
Special, Epigraphy		1	1		1	1
LAW						
Evidence		2	61			
Code Pleading		3	51			
Practice		2	49			
Public Corporations				2		34
Brief Making				2		21
Evidence				2		51
Ohio Appellate Practice				1		13
Practice				2		45
Legal Ethics, 5 Lectures						43
Negotiable Instruments		3	53			
Common Law Pleading		2	47			
Carriers		2	12			
Bankruptcy		1	26			
Agency				2		42
Bailments and Public Service Companies				2		57
Federal Jurisdiction and Procedure				2		6
Sales				2		40
Contracts		3	58	3		50
Private Corporations		2	45	2		42
Wills		2	9			
Equity (Senior)		2	19			
Conflict of Laws				2		9
Constitutional Law		3	44	2		35
Damages		2	7			
Torts		3	52	3		43
Criminal Procedure		1	45			
Partnership				2		40
Criminal Law		3	48			
Quasi-Contracts		2	6			
Judgments		2	44			
Domestic Relations				2		42

## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
LAW—Concluded						
Suretyship .....					2	46
Insurance .....					2	10
Trusts .....					2	9
Equity I .....		2	105			
Property I .....		2	54			
Property IV .....		3	60			
Equity II .....					2	85
Property II .....					2	43
Property IV .....					3	46
Property V .....					2	36
MANUAL TRAINING						
Teaching of Manual Training .....	111	3	5			
Materials, Methods and Equipment .....				112	3	10
Constructive Design .....	117	2	4	117	2	2
Constructive Design .....				118	2	4
Handwork for Supervisors .....	121	2	13	122	2	19
Special Problems in Manual Training .....				123	2	3
MATHEMATICS						
Elementary Algebra .....	101	5	12	102	5	9
Plane and Solid Geometry .....	113	5	10			
Solid Geometry and Plane Trigonometry .....				114	5	7
College Algebra and Plane Trigonometry .....	121	3	115			
Plane Trigonometry and Analytic Geometry .....				122	3	128
History of Elementary Mathematics .....	125	2	3	126	2	6
Analytic Geometry and Calculus .....	127	3	18	128	3	12
Mathematics of Finance and Insurance .....	129	3	20	130	3	18
College Algebra and Plane Trigonometry .....	131	5	351	131	5	57
Plane Trigonometry and Analytic Geometry .....	132	5	29	132	5	283
Statistical Methods .....				134	2	8
Differential and Integral Calculus .....	141	5	239	141	5	43
Continuation of Course, 141 .....	142	5	29	142	5	192
Differential Equations .....	151	1	31			
Plane and Solid Analytic Geometry .....	163	3	5	164	3	5
Differential Equations .....	167	3	19	168	3	8
Modern Higher Algebra .....	173	3	13	174	3	12
Probability .....	181	3	3			
Actuarial Theory .....	183	2	1	184	2	1
Fundamental Ideas of Algebra and Geometry .....	185	2	7			
Teaching of Mathematics .....				186	2	14
Fourier's Series and Spherical Harmonics .....	201g	3	5			
Theory of Functions of a Complex Variable .....				202	3	1
Vector Analysis and Its Applications .....				204	3	4
Groups .....	211	3	1	212	3	1
		3	1			
Advanced Differential Equations .....	no num'b'r			no num'b'r	3	1



## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>MECHANICAL ENGINEERING</b>						
Mechanism—2 sections .....	101	3	44			
Steam Power Plants—2 sections .....	103	3	96			
Mechanism and Machine Design .....				110	3	10
Mechanism .....				114	3	37
Mechanism Drawing .....				116	1	35
Steam Engines—2 sections .....				118	3	70
Steam Boilers .....				120	1	36
Heating and Ventilating .....	121	2	17			
Materials of Construction .....	123	2	18			
Gas Engines and Producers .....	125	2	30			
Machine Design—2 sections .....	127	5	38			
Thermodynamics .....	129	2	24			
Inspection Trip .....				130		17
Reading Course .....				134		6
Mechanism and Machine Design .....				140	2	9
Hydraulic Machinery .....				142	2	25
Machine Design—2 sections .....				144	5	39
Steam Turbines .....				146	2	7
Thesis Work .....				148	3	23
Hydraulic Power .....				150	3	10
Experimental Engineering Laboratory—2 sections ..				160	2	26
Experimental Engineering Laboratory—2 sections ..				164	2	34
Experimental Engineering Laboratory .....	171	3	2			
Experimental Engineering Laboratory .....	173	5	23			
Experimental Engineering Laboratory—2 sections ..	175	3	23			
Experimental Engineering Laboratory .....	179	2	26			
Experimental Engineering Laboratory .....				190	6	25
Experimental Engineering Laboratory .....				192	3	6
<b>MECHANICS</b>						
Statics and Strength of Materials .....	101	5	183			
Strength of Materials, Kinetics and Hydraulics .....				102	5	142
Strength of Materials .....				104	2	21
<b>MEDICAL CHEMISTRY</b>						
General Chemistry .....	101	4	72			
General Chemistry and Qualitative Analysis .....				102	4	68
Organic Chemistry .....	115	5	15			
Organic Chemistry .....	111	2	43			
Biological Chemistry .....	120	4	30	120	4	16
Metallurgy .....				132	1	120
<b>MEDICINE AND CLINICAL MEDICINE</b>						
Medicine .....	101	4	75	102	4	74
Nervous Diseases .....				106	2	74

## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>MEDICINE AND CLINIC MEDICINE—</b>						
Concluded						
Physical Diagnosis and Introduction to Medicine (Given in First Semester and repeated in Second Semester).	107	2	37	107	2	37
Dermatology				108	1½	74
Electro-Therapeutics	109	½	75			
Roentgenology	110		59	110		59
Conference Clinics	111	1	75	112	1	74
Medicine	113	1	59	114	1	59
Preventive Medicine	115	2	59	116	2	59
Pediatrics	117	2	59			
Psychiatry				118	1	59
Conference Clinics	119	3	59	120	3	59
<b>METALLURGY</b>						
Fire Assaying	105	3	9			
Metallurgical Analysis	107	4	10			
Metallurgical Analysis				106	4	15
General Metallurgy	109	4	80			
Non-Ferrous Metallurgy				110	4	18
Metallurgical Construction	111	1	6			
Gas Analysis				112	2	9
Ore Dressing and Coal Washing	113	2	5			
Metallography				114	3	6
Thesis				116	3	4
<b>MILITARY SCIENCE AND TACTICS</b>						
Military Science	1	1	1026	1	1	779
Military Science	2	1	783	1	1	685
<b>MINE ENGINEERING</b>						
Mathematics (Algebra)	101	5	12			
Mine Surveying	101	5	0			
Mine Surveying	103	4	32			
General Mining	105	5	6			
Mine Plans	107	2	0			
Metallurgical Design	111	1	7			
Mine Trip	109	1	16			
Graduate Work	201	5	1			
Mathematics (Algebra)				102	5	9
General Mining				102	5	0
Plans and Specifications				104	4	5
General Mining				106	5	6
Mine Trip				110	1	15
Thesis				116	3	2



## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>MINERALOGY</b>						
Descriptive Mineralogy and Crystallography.....				102	3	54
Determinative Mineralogy .....				104	3	12
Microscopic Mineralogy .....	121	3	4			
Microscopic Petrography .....				124	4	1
Advanced Crystallography and Physical Mineralogy .....				126	3	3
Soil Petrography .....				3	1	
Research .....				5	1	
<b>OBSTETRICS</b>						
Obstetrics .....	101	1	76	102	1	74
Obstetrics .....	105	2	58	106	3	58
Diseases of Women .....				104	2	74
<b>PATHOLOGY AND BACTERIOLOGY</b>						
Bacteriology .....	101	5	23			
Pathology .....				102	7	33
Surgical Pathology .....	103	2	38	103	2	36
Clinical Microscopy .....	105	1	38	106	1	36
Demonstration of Necropsies .....	107	0	300*	107	0	300*
Immunity and Serum Therapy .....	112	1	38	112	1	34
Bacteriology for Dental Students.....				126	3	2
Pathology for Dental Students.....	129	3	43			
Pathology for Homoeopathic Students.....	121	7	13			
Special Pathology of the Eye.....	141	3	10	142	3	10

Two sections of Senior Medical Students are on service for six week periods at both the Protestant and St. Francis Hospitals throughout the year. Their laboratory work is done under the supervision of this department and requires three forenoons per week of two members.

\*To April 15th, 1916, 30 autopsies have been demonstrated to the students of 2nd, 3rd, and 4th years of the College of Medicine and 2nd year Students of Homeopathy with a total attendance of 630.

## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>PHARMACY</b>						
Theoretical .....	101	5	48			
Operative .....				102	5	45
General and Chemical .....	103	5	35			
General and Prescription Work .....				104	5	32
Materia Medica .....	105	3	41	106	3	35
Pharmaceutical Assaying .....	107	5	6			
Pharmaceutical Analysis .....				108	5	6
Pharmacognosy .....	109	3	38	110	3	39
Pharmacognosy, Advanced .....	111	3	4	112	3	5
Toxicology .....				114	3	28
Pathological Reagents and Urinary Analysis .....				116	2	27
Pharmaceutical Latin .....	117	4	21			
Pharmaceutical Latin and Prescriptions .....				118	4	37
Pharmaceutical Latin, Special Vets. ....	117	4	14	118	4	11
Therapeutics—Medical .....	109	3	27	102	2	18
Pharmaceutical Arithmetic .....	113	1	49			
<b>PHILOSOPHY</b>						
Introduction to Philosophy .....	101	3	57	101	3	51
Introductory Logic .....	102	3	32	102	3	61
Elementary Ethics .....	105	3	24	106	3	14
Esthetics .....	115	2	25	116	2	23
History of Philosophy .....	151	3	30	152	3	22
Advanced Ethics .....	111	2	7	112	2	5
Philosophy of Religion .....	119	3	14			
Representative Ancient Philosophers .....	123	3	6	124	3	4
Philosophy of Values .....	131	3	3	132	3	3
Political and Social Philosophy .....				134	3	7
Main Currents in Cont'y Philosophy .....				142	3	13
The Philosophy of Kant .....	203	2	2			
Graduate Seminars (a) .....	201	3	6	202	3	4
Graduate Seminars (b) .....				202	2	3
<b>PHYSICAL EDUCATION</b>						
Physical Education—Men .....	1	1	1159	1	1	1097
Physical Education—Women (First Year) .....	1	1	329	1	1	311
Physical Education—Women (Second Year) .....	2	1	236	2	1	176
Physical Education—Women (Advanced) .....		2	10		2	10
<b>PHYSICS</b>						
Elementary Physics .....	101	6	14			
General Physics (No entrance cred. needed) .....	103	4	42	104	4	27
General Physics (Entrance cred., prerequisite) .....	105	4	25	106	4	19
Pre-medical Physics .....	107	4	81			
Forestry Physics .....				108	3	19



## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
PHYSICS—Concluded						
General Physics (For Engineers).....	111	3	135	111	3	26
General Physics (For Engineers).....				112	3	156
General Physics (For Engineers).....	113	5	96	114	5	35
Physics Problems .....	115	2	3	116	2	1
Laboratory Physics .....	121	3	4	122	3	4
Advanced Laboratory Physics .....	123			124		
Physical Laboratory (E. E. Course).....	133	2	38			
Physical Laboratory (Elec. Measurements).....				134	3	36
Physical Laboratory (Elec. Measurements).....	135	5	41			
Physical Laboratory (M. E. Course).....				138	2	32
Advanced Elec. Measurements.....	139	2	1	140	1-3	4
Advanced Light and Electricity.....	143	3	7	144	3	8
Physics Seminar .....	145	1	2	146	1	2
Research Laboratory .....				202	3-5	3
Theoretical Mechanics .....	203	3	5	204	3	4
Thermodynamics and Electrolyt-Conduction.....	205	2	5	206	2	5
PHYSIOLOGY						
Physiology .....	101	3	416	102	3	361
Physiology .....	119	3	67	120	3	55
Histology .....	105	5	36			
Physiology—Short Pharmacy .....	107	3	23			
Compar. Physiology—Veterinary .....	114	3	not given this year			
Physiology—Homeopathic Medicine .....	115	5	7	118	5	9
Physiol. Lab.—Homeopathic Medicine .....	151	3	21	152	3	21
Physiol. Chemistry .....				154	8	13
				104	3	9
PHYSIOLOGY (MEDICAL COLLEGE)						
Physiology .....	121	5	30	122	5	31
Dental Physiology .....	127	3	45	128	3	43
POLITICAL SCIENCE						
Government in the United States and Europe.....	101	3	88	101	3	16
Government in the United States and Europe.....				102	3	81
Municipal Government .....	106	3	4			
Municipal Functions .....				130	3	13
Introduction to Jurisprudence .....	125	3	10			
International Law .....				126	3	8
Legislation .....	131	2	14			
Administration .....				132	2	14
Problems in International Politics.....	113	1	13	114	1	15
Party Government .....				107	3	5
Comparative Constitutional Government.....	105	3	5			
Seminar in Political Science.....	117	2	4	118	2	5

## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
PRINCIPLES OF EDUCATION						
Principles of Education .....	101	3	98			
Observation and Practice Teaching .....	104	3	2	104	3	95
PSYCHOLOGY						
Elementary Psychology .....	103	2	10	104	2	5
Experimental Psychology (Lectures Only) .....	111	3	21	112	3	10
Experimental Psychology (Lectures Only) .....	112	3	3	111	3	9
Advanced Psychology .....	129	2	29	130	2	23
Psychology of Memory and Emotion .....	137	2	13	138	2	10
Seminar in Psychology .....	203	2	5			
Minor Research .....	141	3	1	142	3	1
Major Research .....	201	5	4	202	5	5
Elementary Psychology .....	101	3	74	102	3	78
Educational Psychology .....	107	2	62	108	2	66
The Defective Child .....				122	4	20
Mental Tests .....	133	3	4	134	3	4
Seminar in Psychology .....				204	2	7
Minor Problems .....	141	3	1	142		
Major Research .....	201	5	2	202	5	2
Elementary Psychology .....	101	3	50	102	3	53
Mental and Social Measurements .....	114	2	9			
Experimental Psychology (Laboratory Work) .....	111	3	21	112	3	10
Experimental Psychology (Laboratory Work) .....	112	3	3	111	3	9
Minor Research .....	141	3	2	142	3	2
Major Research .....	201	5	1			
Animal Psychology .....				119	3	3
Elementary Psychology .....	101	3	59	102	3	44
Social Psychology .....	125	3	22			
Folk Psychology .....				126	3	15
Educational Psychology .....	107	2	35	108	2	40
Genetic Psychology .....	115	2	14	116	2	11
Minor Research .....				142	2	1
Elementary Psychology (Two Sections) .....	101	3	83	102	3	74
Abnormal Psychology .....	121	4	21			
Physiological Psychology .....	149	2	9	150	2	6
Psychology of Advertising .....				128	2	27
Major Research .....	201	4	1	202	5	1
Elementary Psychology (Three Sections) .....	101	3	154	102	3	104
Elementary Psychology (One Section) .....	102	3	36	101	3	80
Elementary Psychology (Three Sections) .....	101	3	129	102	3	97
Educational Psychology .....	107	2	31	108	2	25
PUBLIC HEALTH AND SANITATION						
Hygiene—Personal .....	101	2	3			
Hygiene—Special .....				102	2	4
Preventive Medicine .....				104	2	3



## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>PUBLIC HEALTH AND SANITATION—</b>						
Concluded						
Public Health Administration and Public Health Problems .....	105	2	3			
Vital and Sanitary Statistics .....	107	2	3			
Social Service and Public Health Nursing .....				108	2	3
Communicable Diseases .....	109	3	3	110	3	3
Public Health Engineering .....	111	4	3	112	4	3
Public Health Laboratory and Inspection Methods ..	113	3	3	114	3	3
Seminar and Thesis .....			1	116	1	
Preventive Medicine .....	115	2	60	116	2	60
<b>ROMANCE LANGUAGES</b>						
<i>French</i>						
Elementary French .....	101	4	406	102	4	331
Elementary French .....				101	4	33
Modern French Literature .....	103	4	216	104	4	203
Science Reading .....				106	4	13
Advanced French Prose Composition .....	107	2	23			
History of French Literature .....				108	2	13
Seventeenth Century French Drama .....	109	3	38			
Seventeenth Century Tragedy and Prose .....				110	3	30
Recent French Prose .....	113	2	32			
Practice in Speaking and Writing French .....				114	2	31
French Seminar A .....	117	2	12	118	2	10
French Seminar B .....	119	2	6	120	2	6
The Teaching of French .....				122	2	9
Research in French Literature .....	207	3	7	208	3	7
<i>Italian</i>						
Elementary Italian .....	101	4	15	102	4	11
<i>Spanish</i>						
Elementary Spanish .....	101	4	465	102	4	327
Elementary Spanish .....				101	4	60
Modern Spanish Literature .....	103	4	50	104	4	13
Spanish Commercial Reading and Correspondence ..				110	4	29
<b>COMPARATIVE LITERATURE AND</b>						
LANGUAGE						
History of the Drama from Classical times to the Renaissance .....	193	2	21			
History of the Drama from the Renaissance to the Eighteenth Century .....				194	2	23
<b>RURAL ECONOMICS</b>						
Farm Accounts and Records .....	101	2	22	101	2	20

## THE WORK OF INSTRUCTORS 1915-1916—Continued

COURSE SUBJECT	First Semester			Second Semester		
	Credit Hours	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>RURAL ECONOMICS—Concluded</b>						
Farm Management .....	103	4	82	103	4	48
Agricultural Economics .....	104	3	55	104	3	64
Historical and Comparative Agriculture .....	105	3	3			
Research Work for Graduate Students .....	107	5-10	8	108	5-10	13
Rural Community Life .....				110	3	8
Advanced Farm Management .....	111	3	0	112	2	12
Farm Records and Accounts (3 Year Course) .....	51	4	46	51	4	36
Farm Management (3 Year Course) .....	52	4	36	52	4	45
Winter Course, Farm Management .....			99			
Senior Seminar .....					2	3
<b>SCHOOL ADMINISTRATION</b>						
Public Education in the United States .....	101	3	93			
Secondary School Administration .....	111	3	13	112	3	15
State School Administration .....				102	3	69
Educational Surveys .....	201	5	3	202	5	3
<b>SURGICAL SPECIALTIES</b>						
Ophthalmology .....	101	2	76			
Nose and Throat .....				104	1	58
Otology .....	105	1	58			
<b>SURGERY</b>						
Minor Surgery, Sophomore Year .....	103	2	31			
General Surgery, Junior Year .....	101	3	76	102	3	76
Genito-Urinary Surgery, Junior Year .....	105	1	76			
Anesthetics, Junior Year .....	107	½	76			
Conference Clinics, Junior Year .....	109	1	76	110	1	76
Orthopedic Surgery, Junior Year .....				116	1	76
General Surgery, Senior Year .....	113	2	60	114	2	60
Surgical Gynecology, Senior Year .....	115	1	60			
Proctology, Senior Year .....				126	½	60
Conference Clinics, Senior Year .....	127	3	60	128	3	60
Hospital Clinics, Sections (Ward and Operating Room) .....	101	3	60	102	3	60
<b>THERAPEUTICS</b>						
Materia Medica .....	109	3	28	102	2	17
Pharmacology .....				104	5	29
Applied Therapeutics .....	113	1	75	114	1	75
<b>VETERINARY MEDICINE</b>						
Veterinary Anatomy .....	101	5	43	102	7	39



## THE WORK OF INSTRUCTORS 1915-1916—Concluded

COURSE SUBJECT	First Semester			Second Semester		
	Course Number	Credit Hours	Total No. of Students in all Sections	Course Number	Credit Hours	Total No. of Students in all Sections
<b>VETERINARY MEDICINE—Concluded</b>						
Veterinary Anatomy .....	103	8	58			
General Pathology .....	105	5	63			
Materia Medica .....	107	3	50	108	5	60
Pathology Laboratory .....	113	3	59	112	3	62
General Surgery .....				120	3	64
Theory and Practice (Medicine) .....				126	5	115
Parasitology .....				114	1	54
Clinic for Large Animals .....	123	1½	58	124	1½	113
Clinic for Small Animals .....	119	1½	58	118	1½	113
Horseshoeing .....	109	3	53			
Veterinary Obstetrics .....	111	3	58			
Physical Diagnosis .....	127	3	58			
Canine Diseases .....	115	2	59	116	2	57
Practice in Operating (Large Animals) .....	125	1	59			
Practice in Operating (Small Animals) .....	121	1	58			
Surgical Diseases .....				132	5	58
Meat Inspection .....				122	2	56
General Therapeutics .....				128	2	57
Eye Diseases (Ophthalmology) .....				130	1	62
Applied Regional Anatomy .....				134	2	9
Agricultural Veterinary Medicine .....	151	3	46			
Short Course Agricultural Students .....		3	40			
Short Course Dairy Students .....		3	30			
Post Mortem Examinations .....		5	52		5	52
<b>ZOOLOGY AND ENTOMOLOGY</b>						
Elementary Zoology .....	101	3	752	102	3	501
Economic Entomology .....	107	3	172	108	3	148
Elementary Zoology (Repetition of 1st Semester) .....				101	3	46
Apiculture .....				112	3	20
Special Entomology .....	113	4	10	114	4	5
Inv. Morphology and Zoology (Grad.) .....	121	3-5	3	122	3-5	4
Quantitative Studies .....	129		14	130		11
Evolution .....	131	3	5	132	3	4
Advanced Entomology (Graduates) .....	137	3-5	8	138	3-5	10
Ornithology .....	139	2	10	140	2	11
Research Work .....	141	5-10	2	142	5-10	5
Seminar .....	143	1	17	144	1	12
Teachers' Course .....	145	2-3	2	146	2-3	3
Entomological Literature .....	147	2	6			
Taxonomy .....				148	2	6
Medical Entomology .....	149	3	6			
Entomology—Insect Control .....	151	3	6	152	3	7
Insect Behavior .....	153	2-5	3			
Entomology .....	155	3	3	156	3	5
Research Work (Grad.) .....	241	5-10	12	242	5-10	12
Inv. Zoology .....	247	5	2	248	5	3
Short Course Agriculture .....	92		12			





## APPENDIX V—Concluded

	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	
Doctor of Dental Surgery .....																																					32	34		
Doctor of Medicine .....																																					62	69		
Juris Doctor .....																9	18	15	16	6	23	22	21	25	17	26	20	11	15	17	26	15	16	22	3	4	3	2	6	2
Bachelor of Laws .....																2	4	2									2	3	1											
Master of Laws .....																			6																					
Totals .....	6	7	9	8	9	11	12	16	18	24	28	26	30	36	61	79	70	112	118	135	126	99	137	135	141	170	194	209	225	249	287	333	370	422	501	515	649	793	902	
Degrees conferred during the year as of the class of .....															1												6	0	5	6	5	15								
Totals .....																											200	209	230	255	292	348								

\*Statistics given prior to 1904 covered only the degrees granted at the Commencement.

## APPENDIX VI

## SHOWING THE NUMBER OF STUDENTS IN THE GENERAL, TECHNICAL AND PROFESSIONAL COURSES

	1890-91	1891-92	1892-93	1893-94	1894-95	1895-96	1896-97	1897-98	1898-99	1899-1900	1900-01	1901-02	1902-03	1903-04	1904-05	1905-06	1906-07	1907-08	1908-09
General Courses (College of Arts).....	137	151	194	245	256	322	327	358	371	419	439	403	490	496	490	551	572	630	714
Technical Courses (other Colleges, except Law).....	166	259	381	368	424	453	453	511	541	603	771	888	1,039	1,135	1,129	1,262	1,280	1,436	1,626
Professional Courses (College of Law).....		55	67	72	65	100	132	148	191	201	220	188	166	171	179	162	153	138	132
*Graduate students and summer school.....	2			1		94	97	133	75	45	51	49	62	108	54	240	339	379	458
†Summer school (shopwork).....															74	75	81	80	90
Lake Laboratory (summer).....												19		23	32	26	19	26	32
Totals.....	305	465	642	686	745	969	1,019	1,150	1,178	1,268	1,481	1,547	1,757	1,933	1,958	2,316	2,444	2,689	3,052
Names counted twice.....																159	167	216	258
Net Total.....																2,157	2,277	2,473	2,794

\*Until 1896, graduate students have been included in the first three classes.

†Until 1904, summer term students in shopwork have been included with graduate students.



## APPENDIX VI—Concluded

## SHOWING THE NUMBER OF STUDENTS IN THE GENERAL TECHNICAL AND PROFESSIONAL COURSES

	1909-1910	1910-1911	1911-1912	1912-1913	1913-1914	1914-1915	1915-1916
General Courses (Colleges of Arts and Education) .....	845	865	962	1,009	1,139	1,494	1,820
Technical Courses (Other Colleges Except Dentistry, Homeopathic Medicine, Law and Medicine) .....	1,643	1,780	1,979	2,106	2,392	2,373	2,491
Professional Courses Colleges of Dentistry, Homeopathic Medicine Law and Medicine) .....	181	170	185	198	187	615	556
Graduate Courses (Graduate School) .....	96	70	97	128	133	185	244
Summer Session .....	606	617	738	575	671	926	1,010
Lake Laboratory (Summer) .....	36	22	28	25	32	14	19
Winter Courses .....	159	183	273	227	203	187	173
Total .....	3,566	3,707	4,262	4,268	4,757	5,794	6,313
Names counted twice .....	291	268	334	299	322	462	491
Net Total .....	3,275	3,439	3,928	3,969	4,435	5,332	5,822

## APPENDIX VII

## SHOWING DEEGREES AND CERTIFICATES GRANTED IN 1916

## GRADUATE SCHOOL

Dean: William McPherson

## DOCTOR OF PHILOSOPHY

Eric Sydney Earle Cogan, B. A. (University of Cape of Good Hope), M. A. ....	Grahamstown, South Africa
Isaac William Geiger, B. A., M. A. ....	Bluffton
Perley Isaac Reed, B. Ph. (Lebanon University) .....	Columbus
B. A., M. A. (Marietta College)	
(Three candidates)	

## MASTER OF ARTS

Homer Burton Adkins, B. Sc. (Denison University) .....	Newport
Jean Hamilton Alexander, B. Sc. in Education .....	McComb
Mary Ruth Almack, B. A. ....	Coshocton
Mary Margaret Anderson, B. A. ....	Columbus
Howard Clinton Arnold, B. Sc. (University of Illinois) .....	Chicago, Ill.
Hermann Barnstorff, (Bremen Real Gymnasium) .....	Cincinnati
Alice Evelyn Beekman, B. A. ....	Columbus
Edith Letitia Brown, B. Ph. (Denison University) .....	Newark
Donna Pearl Carlisle, B. A. ....	Hillsboro
Lillian Pearl Clark, B. A. (Western Reserve University) .....	Cleveland
Lillian Elizabeth Coler, B. A. ....	Columbus
Harvey Evan Conard, B. Sc. (Belmont College) .....	Columbus
Paul E. Cromer, B. A., B. Ped. (Ohio University) .....	Springfield
Agnes Drury, B. A. (Otterbein University) .....	Dayton
Mary Caroline Evens, B. A. ....	Epworth Heights
Warner Ensign Gettys, B. A. (Hiram College) .....	Hiram
Roy John Gillen, B. A. (Ohio University) .....	Wellston
William Herman Gysan, B. A. (Capital University) .....	Venice

Roy Haber, LL. B., B. A. ....	Columbus
Vernon Raymond Haber, B. Sc. in Agriculture.....	Columbus
Maria Hahn, B. A. ....	Columbus
William Loring Hall, B. A. (Ohio University) .....	Athens
John Cornelius Halsema, B. A. (Miami University) .....	Minster
Beulah Wardell Hanley, B. A. ....	Columbus
Miles Lawrence Hanley, B. A. (Wittenberg College) .....	Springfield
Julia Anne Hanna, B. A. ....	Columbus
Gould Leach Harris, B. A. ....	Columbus
Nellie Frater Henderson, B. Ph. (Franklin College), B. A. ....	New Athens
Marion Hollingsworth, B. Sc. (Wilmington College), B. A. ....	Jamestown
Ray Franklin Howe, B. A. (Oberlin College) .....	Leroy
Bennett Hawkins Jackson, B. A. ....	Columbus
Charles Willard Jarvis, B. Sc. (Valparaiso University), B. A. ....	Uhrichsville
Ethel May Jones, B. A. ....	Columbus
Ruth Mildred Keller, B. A., B. Sc. in Education.....	Columbus
Ralph Albert Knouff, B. A. ....	Centerburg
Mary Storer Kostir, B. A. ....	Columbus
Edith Love Laver, B. A. ....	Columbus
William Cannon Lawson, B. A. (American University) B. Sc. in Education, .....	Bryan, Texas
Emery Clarence Leonard, B. A. (Wittenberg College).....	Urbana
Charles Frederick Lindsley, B. A. ....	Columbus
Elizabeth Long, B. A. ....	Columbus
Marjorie Lea McCutcheon, B. Ph. (Denison University).....	Franklin, Va.
Elisabeth Falconer MacNally, B. A. (Wittenburg College).....	Springfield
Mary Joyce Lower Magness, B. A. ....	Columbus
Ethel Boyd Merrick, B. A. ....	Zanesville
Carrie Beatrice Miller, B. A. (Ohio Wesleyan University).....	Pleasantville
George McClellan Morris, M. Sc. in Education (Ohio University) .....	Lancaster
Coral Duke Nathan, B. A. ....	Warren, Pa.
Catherine Warner Okey, B. A. (Smith College).....	Marietta
Mary Harriet Oliver, B. A. (Mt. Holyoke College) .....	Kelsey, N. Y.
Carl White Reed, B. A. (Miami University).....	Washington C. H.
Emmet Ephraim Roberts, B. A. (Ohio University).....	McConnellsville
Gertrude Lucile Robinson, B. A. ....	Worthington
Jesse Matthew Robinson, B. A. (Miami University).....	Higginsport
Eugene Holloway Roseboom, B. A. ....	Columbus
Abigail Ellen Simpson, B. A. ....	Columbus
John Gordon Strong, B. Sc. (Muskingum College).....	New Concord
Pearl Graeff Summy, B. A. ....	Columbus
Donna Marie Thornton, B. A. (Lake Erie College).....	Buffalo, N. Y.
Carl DeWitt Washburn, B. A. ....	Columbus
Bertram Whittier Wells, B. A. ....	Toledo
Laura Tracie Wheaton, B. A. ....	Columbus
Harry Sylvester Will, B. A. ....	Toledo
Alice Martha Zuck, B. A. (Lebanon Valley College).....	Columbus

Sixty-four candidates

## MASTER OF SCIENCE

William Nelson Ankeney, B. Sc. (Heidelberg University) .....	Xenia
Emil Harold Jakob Balz, B. Sc. in Chemical Engineering.....	Columbus
Dwight Moore DeLong, B. Sc. (Ohio Wesleyan University).....	Dresden
Siragan Hovhannes Ezekielian, B. Sc. in Agriculture.....	Marsovan, Turkey



Thomas Lee Guyton, B. Sc. in Agriculture.....	Winterset
Kenneth Gibson Hancher, B. Sc. in Agriculture.....	Caldwell
Sih-Van Huang, B. Sc. in Electrical Engineering (Nanyang University),.....	Changchow, China
Rose Hughes, B. Sc. in Home Economics .....	Vernon, Indiana
Edward Taylor Kirkendall, B. Sc. in Agriculture.....	Columbus
John Virgil Lowe, M. Ped. (Ohio Northern University) B. Sc. in Agriculture..	Kenton
George Matthew McClure, B. A.....	Columbus
Samuel William Phillips, B. Sc. in Agriculture.....	Cincinnati
Arthur Frederick Pott, B. Sc. (University of Wisconsin).....	Sheboygon, Wis.
Walter Allen Price, B. Sc. in Agriculture.....	Columbus
David Elwin Rouse, M. D. (Ohio Medical University) .....	Columbus
Arthur Henry Smith, B. Sc. in Agriculture .....	Sandusky
Edwin Spencer, B. Sc. (Hiram College) .....	Hiram
Panfilo Trombetta, B. E. E. ....	Introdacqua, Aquila, Italy
Adolph Edward Waller, B. Sc. in Agriculture (State University of Kentucky) .....	Louisville, Ky.
Frank Aldis Welton, B. Sc. (Buchtel College).....	Wooster
Percy Barnette Wiltberger, B. Sc. in Entomology .....	Columbus
Hal Charles Yingling, B. Sc. (Heidelberg University).....	Old Fort
James Howard Young, B. Sc. (Kansas State Agricultural College) Kansas City, Kansas	
(Twenty-three candidates)	

## DEGREES CONFERRED DURING THE CURRENT ACADEMIC YEAR

## As of the Class of 1915

## MASTER OF ARTS

John Brandeberry, B. Sc. (Mt. Union College) .....	New Falls
Elizabeth Barbara Christy, B. A. (Thiel College) .....	Miamisburg
Wilmer Charles Gangloff, B. A. ....	Sandusky
Mary Helen Griest, B. Ph. (Wooster College) .....	Wooster
Marvel Corinne Horn, B. A. ....	Columbus
Guy D. Swartzel, B. A. (Otterbein University) .....	Dayton

## MASTER OF SCIENCE

William Carleton McQuiston, B. Sc. in Agriculture .....	College Corner
Paul C. Slater, B. Sc. in Pharmacy.....	Mechanicsburg

## COLLEGE OF AGRICULTURE

Dean: Alfred Vivian

## BACHELOR OF SCIENCE IN AGRICULTURE

Walter Albert Alexander.....	McComb
Sherman Leo Anderson.....	Barberton
William Dayton Axtell, Jr.....	Belleville, N. J.
Clarence Joseph Babcock.....	Brunswick
George Winston Bacot.....	Columbus
Chester Alvan Baird.....	Groveport
Clarence Merwyn Baker.....	Wooster
Robert Ralph Barker.....	Athens
Lott Emmett Bechtel .....	Marion
Floyd Augustus Bensinger.....	Lodi
Elbert Owen Bolender.....	Felicity
Oliver Lawrence Bracken.....	Lorain
Uri Frederick Bruning.....	Pemberville

Raymond M. Carr	Bellefontaine
Charles Adair Carran	Lakewood
Carl Thompson Colt	Columbus
Clifford Tremain Conklin	Struthers
Harold F. Cotterman	Dayton
Otis Raymond Craft	Sarahsville
Carl Frederick Cranz	Ira
Floyd DeWitt Crim	Uhrichsville
Robert Eugene Crouch	Newark
Arthur Fasold Dachenbach	Bellefontaine
Eldon F. Dailey	Albany
Evan Thomas Davies	Cincinnati
Floyd Silas DeLashmutt	Columbus
Howard Engle DeVore	Gilboa
Thomas Oscar Dickey	Jerusalem
Robert Lee Early	Cincinnati
John Eckert	Wooster
Clarence Eisinger	Strasburg
Clayton Hyland Elliott	West Mansfield
David Price Evans	Oak Hill
Leon Merrill Evans	Rocky Hill
Sidney Morgan Fenn	Medina
Ernest Newton Fergus	Union
Daniel LeRoy Ferguson	Institute, W. Va.
William Shauck Ferguson	Lexington
Verne Harrison Finsterwald	Athens
Walter E. Foster	Thornville
John Bennett Gault	Milford Center
Russell Lowell George	Okeana
Dwight Clifford Ginn	Piqua
Ross Mitchell Greenawalt, B. A. (Wittenberg College)	Springfield
Lewis Leslie Guard	Elizabethtown
George Glenn Guiler	Whigville
Robert Alexander Hammond	St. Clairsville
Bert Spencer Harrod	Harrod
Horage Kostomlatsky Havlicek	Berea
Aaron Ferneau Head	Hillsboro
John Edwin Hendrix	Lewisburg
George Ralph Holman	Wauseon
Donald Dodd Hughes	Dayton
Rossford Jones	Radnor
Goey Park Jong	Canton, China
Athanas Kazezis, B. A. (Anatolia College)	Caesarea, Turkey
Jesse Alexander Keyser	Columbus
Phillip James Kimball	Mechanicsburg
Roy Carlton King, B. A. (Marietta College)	Columbus
Charles Kirkwood	Shiloh
Merle Sharon Klinck	Hebron
Edwin Henry Krause	Valley City
William Henry Lapp	Cleveland
Harold Mayo Lathrop	Wellington
William Edward Ivan Laughlin	Lore City
Henry Ashford Lehman	Troy
Henry Lawrence Liembach	Brownhelm



Samuel Lesser .....	Columbus
James Cyrus Lewis .....	Columbus
Robert Lewis .....	Grove City
John Troutman McClure .....	Wooster
Olin Ray McMillan .....	Marengo
William Thomas Magruder, Jr., B. A. ....	Columbus
Harold Miller Mahan .....	Lima
Joseph Barnhart Markey .....	Eaton
Robert Henry Martin .....	Lodi
Leander Duke Mennell .....	Grafton
Ralph Emerson Monson .....	Lima
Francis Lewis Morison .....	Kenton
Noel Russell Myer .....	Arcanum
Thomas Francis O'Mara .....	Van Wert
Harley P. Ortman .....	Phillipsburg
Harry Wayne Palmer .....	Nevada
Harry Clyde Patterson .....	Wellston
Russell Raymond Pearson .....	Covington
Max McKinley Phillips .....	Medina
Roy Priest .....	Newark
Paul Lester Pugh .....	Arlington
Walter Stuntz Ritchie .....	Cincinnati
Harry Roads .....	Hillsboro
Samuel Robinson .....	Columbus
Otis Carlyle Rogers .....	Bellefontaine
Jacob Philip Schmidt .....	Bainbridge
Henry William Schuer .....	Chillicothe
George Lee Schuster .....	Anderson, Ind.
Stanley Herbert Schwarztrauber .....	Somerville
Carl Milton Senn .....	Attica
Carl Williamson Shiffler .....	Gahanna
Herman Simon .....	Cleveland
William Wallace Smelker .....	New Madison
Benjamin Samuel Snode .....	Alliance
Wyndham Earl Sparling .....	Andover
Jacob Ray Stear .....	Irondale
Rollin Egbert Steen .....	Sandusky
Carl Raymond Stillings .....	Milford Center
George Harrison Stuts .....	DeGraff
Glen Swanger .....	Apple Creek
Henry Bedinger Swearingen .....	Circleville
Frank Reed Thompson .....	Lewisburg
Leland Earl Thornberry .....	Beallsville
Clyde Franklin Tom .....	Camp Chase
Albert Russell Tuttle .....	Springfield
John Dayton Van Houten .....	Sharonville
Harvey Harold Weiss .....	Cleveland
Ralph William Wells .....	Columbus
Jay M. Whitney .....	Kipton
Jesse Earl Whonsetler .....	Creston
Arthur Camil Wiesenberger .....	Cleveland
Walter Dawn Will .....	Columbus
Harrison William Zuercher .....	Dalton

(One hundred and twenty candidates)

## BACHELOR OF SCIENCE IN ENTOMOLOGY

Charles Wesley Hauck .....	Columbus
Frank Hazelton Smith .....	Newark
(Two candidates)	

## BACHELOR OF SCIENCE IN FORESTRY

Edward Lieuellen Calland .....	Summerfield
James Blaine Fullerton .....	Portsmouth
Karl Kuemmerling .....	Hamilton
Eugene Raymond McGlaughlin .....	Youngstown
Gordon Dotter Marckworth .....	Cincinnati
Carlos Wheeler Matheny .....	Columbus
Milton Kirk Sharp .....	Cleveland
Ferdinand Nicholas Vincke .....	Ottoville
(Eight candidates)	

## BACHELOR OF SCIENCE IN HORTICULTURE

Herbert Lewis Albing .....	Buffalo, N. Y.
Orland Dean Bliss .....	Avon
Edward Eastman Clayton .....	Columbus
Frank Copper, Jr. ....	Columbus
Frank Baker Cross .....	Racine
Charles Victor Deibel .....	Youngstown
Dallas Daniel Dupre .....	Columbus
Joel Lindsley Foote .....	Brooklyn Heights
John Deane Forsythe .....	Freeport
Christian Robert Gaiser .....	Cleveland
Norwood Westgate Glines .....	Marietta
Albert Charles Kette, B. Sc. in Agriculture .....	Dayton
Roeder Julius Kinkel .....	Buffalo, N. Y.
Robert Austin Knight (As of the Class of 1914) .....	Lakeside
Elmer Philip Knoll .....	Newark
Stanley Wall Leonard .....	Piqua
Donnell D. Leyda .....	Pattersonville
Willard Mallalien Loughry .....	Elyria
Paul Herbert McClure .....	Wooster
Willard Henry Mosier .....	Columbus
Merritt Chandler Nauts .....	Columbus
Harold Everett Peebles .....	Columbus
Harold Ryall Penton .....	Cleveland
Henry Gustavus Phillips .....	Canton
Clarence Mason Sallee .....	Pittsburgh, Pa.
Harold Schuh .....	Toledo
John Story .....	Cincinnati
James McCandless Veazey .....	Columbus
(Twenty-eight candidates)	

## BACHELOR OF SCIENCE IN HOME ECONOMICS

Beatrice Lydia Apple .....	Miamisburg
Fanny Elizabeth Arms .....	Columbus
Ruth Schoner Bair .....	Hartville
Ruth Ann Beach .....	Geneva
Katharine Eloise Davidson .....	Columbus



Josephine Davis	Cambridge
Hazel Elizabeth Eichorn	Columbus
Ruth Kinsell Engle	Columbus
Sophie Essie Fowler	Columbus
Nellie Ataline Gard	Columbus
Grace Louise Garmhausen	New Bremen
Elizabeth Gault	Marysville
Eva Gossard	Columbus
Katharine Grant	Middleport
Emily Ruth Greene	Columbus
Essie Isabel Heath	Richmond Dale
Blanche Heckathorn	Kenton
Mary Adelia Hershberger	Lancaster
Helen Dorothy Hicks	Columbus
Hattie Catherine Holecek	Cleveland
Ruth Emily Horrocks	Cleveland
Edith Blanche Hutchison	West Unity
Aubrey Isenberg	Toledo
Henrietta Jettinghoff	Delphos
Margaret Lawrence, B. A.	Columbus
Ethel Lehman	Troy
Esther May McAnall	Iberia
Laura Claire McCann	Frazeysburg
Catharine Metzler	Columbus
Ellen Mary Miller	Columbus
Helen Ferguson Mougey	Amanda
Kathryn Hazel Muth	Columbus
Helen Emily Neighbor	Newcomerstown
Eva Myrtle Nouse	Columbus
Amy Elsie Nutt	Columbus
Rhoda Margaret O'Harra	Columbus
Florence Margaret Osborn	Columbus
Irma Marvilla Price (As of the Class of 1915)	Uhrichsville
Vivian Fern Reamer	Columbus
Mary Ervin Roush	Lynchburg
Okla Sanderson	Cleveland
Edith Sherwood	Plain City
Beatrice Smith	Alice
Nellie Kathleen Thurston	Delaware
Ettie Louise Waid	Townsville, Pa.
Susannah Marie Warfield	Columbus
Barbara Nell Werner	Columbus
May Whitis	Continental
Ruby Naomi Wightman	Cleveland
Stella Miller Wiley, B. A. (Monmouth College)	Dayton
Helen Elizabeth Wylie	Toledo

(Fifty-one candidates)

## DEGREES CONFERRED DURING THE CURRENT ACADEMIC YEAR

As of the Class of 1915

## BACHELOR OF SCIENCE IN AGRICULTURE

Wilber Waight Canaga	Scio
Robert Logan Fleming	East Palestine

Samuel Frank Hinkle, B. Sc. (Muskingum College).....	New Concord
Samuel Clarence Plank.....	West Liberty

## BACHELOR OF SCIENCE IN FORESTRY

Henry Dale Sheets.....	Columbus
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## BACHELOR OF SCIENCE IN HOME ECONOMICS

Ethel Olive Alexander.....	Toledo
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## COLLEGE OF ARTS, PHILOSOPHY AND SCIENCE

Dean: Joseph Villiers Denney

## BACHELOR OF ARTS

John Soo Ahn.....	Seoul, Korea
Mary Alletta Albaugh.....	Columbus
Daphne Ninnette Alloway.....	Columbus
Paul Weber Austin.....	Toledo
Ransom Clegget Baker.....	Danville
Lewis Elbert Barb.....	Pataskala
Alfred Soule Barnhart.....	Akron
Lily Mary Batterham.....	Asheville, N. C.
George Nicholas Baumiller.....	Nutwood
Alatha Regina Beard.....	Pioneer
Margaret Beattie.....	Youngstown
Albert Sidney Beckham.....	Philadelphia, Pa.
George Clement Beery.....	Canal Winchester
Aaron Bernard Bergman.....	Chillicothe
Nerissa Franz Bolte.....	Columbus
Lucille Agnes Boylan.....	Columbus
Leah Roberta Bradford.....	Columbus
John William Bricker.....	Mt. Sterling
Marjorie Lucile Brown.....	Columbus
Willard Maltbie Brown.....	Toledo
Faith Bryant.....	Toledo
Mary Burbank.....	Columbus
Edith Rebecca Burnett.....	Delphos
Guy Ewing Gilfillan Byers.....	Arcanum
Fred Grant Carpenter.....	Washington C. H.
Carl Edson Chapman.....	Columbus
Paul Hazlett Charlton.....	Columbus
Cora Stoner Coddington.....	Columbus
Florence Gertrude Collins.....	Dayton
Edith Bell Cooperrider.....	Columbus
John Milton Costello.....	Sandusky
Lillie Crethers, B. Sc. in Education.....	Columbus
Arthur Crist.....	Brookville
Helen Marie Crosby.....	Toledo
Daniel Osborne Davis.....	Oak Hill
Marie Louise Davis.....	Columbus
Walter Stanley Davis.....	Wellston
Geraldine Lillian Dibb.....	Columbus
Thomas Arthur Dickerson.....	Columbus
Mary Coope Dickinson.....	Columbus



Dorothy Kirby Dietz	Columbus
Newell Dwight Dobson	Columbus
Ernest Alfred Doerschuk	Mt. Vernon
Mary Catharine Drinkle	Lancaster
Helen Morrison Earnhart	Columbus
Morris Aaron Epstein	Toledo
Ethel Ewing	Urbana
Nancy Ethalinda Finney, B. A. (Cedarville College)	Cedarville
Lillian Merle Fitzpatrick	Xenia
Helen Rose Flexner	Louisville, Ky
Harry Henry Foreman	Oak Harbor
Glenn Vincent Fuller	Lima
James Fitz-James Fullington	Columbus
Irene Gabriel	Milford Center
Helen Rachel Game	Columbus
Cordelia Garber	Mt. Vernon
Mary Louise Giesy	Columbus
William Stevens Gilmore	Dayton
William Joseph Gorey	Columbus
Leslie James Gossard	Columbus
Roy Wissinger Gottschall	Marion
Barton Griffith, Jr.	Columbus
Julia Griggs	Columbus
Louisa Motter Griswold	Lancaster
Dorothy Guy	Irwin
John Lawrence Hamilton, Jr	Columbus
Arthur Harmount	Chillicothe
Carrie Bessie Harper	Wellston
Louis Benjamin Harrison	Brooklyn, N. Y.
William Franklin Havens	Columbus
Joseph Wray Henry	Columbus
Carrie Mathiott Hindman	Columbus
Albert Watt Hobt	Wellston
Mary Ruth Hunter	Columbus
Aubrey Isenberg	Toledo
Lillian Marie Johnson	Jackson
Harland Francis Jones	Columbus
Helen Jones	Chillicothe
Henry Reno Kale	Youngstown
Charles Henry Keck	Columbus
Francis Adaline Kelly	Columbus
Ralph Edward Kessler	Ashtabula
Doris Mithoff Klie	Columbus
Reuben Koch	Columbus
Edward Joseph Konrad	Hamilton
Reinhard William Kuhlman	New Knoxville
Edna Cinderella Lauer	Columbus
Harry Alfred Laughridge	Columbus
Howard Wiley Laymon	Chillicothe
Clayton Henry Leatherman	Chippewa Lake
Grace Darling Leckliter	Columbus
Lenard Koh Leon	Singapore, Straits Settlements
Carl Victor Little	Columbus
Roy Neal McCarty	Columbus

John McClellan .....	Columbus
Wallace Walter McCoy .....	West Jefferson
John Anthony McNamara .....	Columbus
Frank Bliss Magly .....	Columbus
Anthony Marino .....	Youngstown
Ralph Wilton Melhorn .....	Ridgeway
Adah Marguerite Merry .....	Caldwell
Emerson Roekel Miller .....	Newark
Hermann Clinton Miller .....	Columbus
Truman Bishop Mills .....	New Lebanon
Roscoe Copeland Morris .....	Columbus
George Abbott Mundy .....	Chicago, Ill.
Hettie Barton Murdock .....	Columbus
Nina Ethel Musselman .....	Cecil
Kathryn Hazel Muth .....	Columbus
Edward Connor Neal .....	Eaton
Mary Geraldine Nelles .....	Columbus
Kenneth Bain Norton .....	Columbus
Bessie Belle Obetz .....	Columbus
John Elmer Olmstead .....	New Philadelphia
Dorothy Osborn .....	Columbus
Helene Ruth Patton .....	Columbus
Treva Helen Pearson .....	Troy
Lester Champe Peterman .....	Groveport
Catharine Leeke Pickering .....	Columbus
Russell Monroe Pierson .....	Columbus
Tress Ellsworth Pittenger .....	Columbus
James Edward Pollard .....	Toledo
Louis Roberts Potts .....	Columbus
Edwin Homer Poulton .....	Columbus
Vera Adele Pryce .....	Columbus
Helen Ada Reese .....	Columbus
Anna Belle Regenstein .....	Ft. Thomas, Ky.
Fletcher Doughitt Richards .....	New Philadelphia
Lawrence Kennedy Richey .....	Van Wert
Mabel Carol Rickenbacher .....	Columbus
Alice Louise Ridenour .....	London
Emma Wilson Rodgers .....	New Lexington
Waldo Hussey Rose .....	Lima
Mary Eleanor Ross .....	Columbus
Franklin Amos Rupert .....	Westville
Elinor Charlotte Ryan .....	Columbus
Aaron Jacob Sackson .....	New York City
Benjamin Franklin Salisbury .....	North Olmsted
Robert Lee Sawyer .....	Columbus
Ruth Adelaide Schachne .....	Chillicothe
Dorothy Emelia Schirner .....	Columbus
Adolph Judah Schneeweiss .....	Columbus
Emma Pearl Scott .....	Columbus
Carl Edison Secrest .....	Hoskinsville
Walter Edward Shade .....	West Carrollton
Raymond Vance Shepler .....	Columbus
Harry Edwin Sheppard .....	Columbus
Richard Miles Shively .....	Columbus



Morris Silverman .....	Columbus
Lois Nell Sinclair .....	Columbus
Elizabeth Singleton .....	Columbus
Louis Edwin Smart .....	East Liberty
Vance McDowell Smith .....	Columbus
Walter Raleigh Smith .....	Columbus
Harry C. St. Clair .....	Cumberland
Anna Catherine Strait .....	Columbus
Grace Wilda Swann .....	Springfield
Glenn O'Hara Swing .....	New Richmond
Grace Tagert .....	Plain City
Hanford Augustus Thirey .....	Monterey
Herbert Anderson Toops .....	Harrisburg
Andrew Jacke Townsend .....	Bluffton
Stanley Bannon Tracy .....	Columbus
Carl Russell Trautmann .....	Dayton
Mable Orcutt Turner .....	Effingham, Kan
Charles Victor Vollrath .....	Bucyrus
William Seymour Wabnitz .....	Cincinnati
Van Courtright Walton .....	Upper Sandusky
Lela Margaret Watterson .....	Continenta
Martha Davis Welling .....	Worthington
Archie Homer West .....	Jefferson
Ruby Naomi Wightman .....	Cleveland
Eva Louise Williams .....	Columbus
Herbert Goodrich Williams .....	Findlay
Helen Elizabeth Wood .....	Mechanicsburg
Leo Yassenoff .....	Dayton

(One hundred and seventy-six candidates)

## DEGREES CONFERRED DURING THE CURRENT ACADEMIC YEAR

## BACHELOR OF ARTS

## As of the Class of 1915

Philip P. Bascom .....	Columbus
Alden Baughn .....	Washington C. H.
Charles Earl Beatley .....	Urbana
Boyd V. Cherry .....	Columbus
Mary Anna Crum .....	Ironton
Verner Leslie Finley .....	Mt. Sterling
Evalyn Barthell Grey .....	Charlestown, Ind
William Gelston Lawrence .....	Utica
Raymond James Miller .....	Columbus
Marguerite Mitchell .....	Wilmington
Paul Whitney Palmer .....	Columbus
Ernest Rey .....	Jeffersonville
Errett Morse Selby, B. Sc. in Forestry .....	Columbus
William Orson Smith .....	Plain City
Louis Eugene Szendery, B. Sc. in Pharmacy .....	Sandusky
Frank Carl Vilbrandt .....	Woodville
Joseph Galion Willis .....	Columbus
Lawrence Crothers Yerges .....	Columbus

## COLLEGE OF DENTISTRY

Dean: Harry M. Semans

## DOCTOR OF DENTAL SURGERY

Everett E. Alexander	Jackson
David Benjamin Barrett	Quaker City
William Arthur Barton	Adams, Mass.
Evan Wilbert Basinger	Columbus Grove
Frederic Harold Bockoven	Newark
Peter Leo Connor	Youngstown
Hearl LaVerne Crowthers	Coshocton
Milton Julius Damlos	Sandusky
Taylor Davidson	Independence, Iowa
Clarence LeRoy Ford	Octa
Lawrence McKernon Gale	Apple Grove
Clare Lovell Goff	Canisteo, N. Y.
Harold George Haas	Columbus
St. Clair Hasbrouck	Barnesville
Cecil Roger Hays	Washington C. H.
George William Hill	Zanesville
Jesse Descomb Hotchkiss	Mt. Vernon
Charles Benjamin Johnson	Batavia
Chadwin Townsend Jury	Jacksontown
Fred Calvin Kampfer	Clarington
Rex McKinley McDowell	Orrville
Frank Albert Miller	Belmore
Frank Hobart Mozena	Clarington
Frederick Riley Nice	New Marshfield
Chauncey Lyman North	Urbana
William Earl Park	Sigel, Pa.
Walter Burdell Reeves	Bexley
Louis Everett Reif	Columbus
William Paul Rutherford	Bellville
William Henry Shea	Sidney
Hubert Anderson Smith	Clayton
Oscar Peter Snyder	Orrville
Leroy Edwin Struble	Bryan
John Howard Verigan	Ironton

(Thirty-four candidates)

## COLLEGE OF EDUCATION

Dean: George Wells Knight

## BACHELOR OF SCIENCE IN EDUCATION

Elizabeth Beatrice Abernethy	Columbus
Mary Alletta Albaugh	Columbus
Earl Fayette Baum	Toledo
Margeret Beattie	Youngstown
Louise Amidon Bethel, B.A.	Columbus
Nerissa Franz Bolte	Columbus
Leah Roberta Bradford	Columbus
Sylvester Lee Breninger	Justus
Mary Lee Conklin	Marion



Helen Marie Crosby	Toledo
Eloise Davison	Harrison
Harold Lamar Edmonds	Springfield
Nancy Ethalinda Finney, B. A. (Cedarville College)	Cedarville
Georgia Henrietta Fischer, B. A.	Beardstown, Ill.
Josephine Carrol Franklin, B. A. (Hiram College)	Columbus
Hazel Marie Frasc	Columbus
Kathryn Lurene Gillilan	Columbus
Opal May Gladden	Columbus
Ethel Forrest Gossett	Columbus
Carolyn Ireland Haddox	Columbus
Carrie Bessie Harper	Wellston
Helen Florence Haynes	Dayton
Nellie May Hennel	Coshocton
Joseph Wray Henry	Columbus
Isabel Hutt	Waverly
Hilda Marie Joyce	Hudson
Lora Grace Kays	Magnolia, Ill.
Frances Adaline Kelly	Columbus
Blanche May Kern, B. A.	Columbus
Jesse Alexander Keyser	Columbus
Helen Norris Kinnaird	Columbus
Ruby Kirkland	Ostrander
Ruth Pauline Kling	Columbus
William Frederick Krayser	Columbiana
Edna Cinderella Lauer	Columbus
Elizabeth Frances Lyons	Columbus
Alice May McNeil	Columbus
Mildred Burke McVey	Columbus
Monnie Mary Maize	Columbus
Anthony Marino	Youngstown
Margaret Ellen Mathias	Logan
Adah Marguerite Merry	Caldwell
Juanita Margaret Miller	Columbus
John Thomas Minton	Columbus
Marian Mitchell	Columbus
Sara Margaret Morton	Brownsville
Hettie Barton Murdock	Columbus
Mairie Alma Neal	Sidney
Doris Elizabeth Neer	Mechanicsburg
Bessie Belle Obetz	Columbus
Nathalie Jane Oram B. Sc. in Home Economics	Cleveland
Susan Graham Park	Middleport
Arilla May Patterson	Carrollton
Wilma Genevieve Pohl, B. A.	Columbus
Myrtle Esther Reiser	Columbus
Mabel Carol Rickenbacher	Columbus
Carl Edison Secrest	Hoskinsville
Erret Morse Selby, B. Sc. in Forestry, B. A.	Columbus
Walter Edward Shade	West Carrollton
Claire Gertrude Sharpe	Columbus
Rebekah Ruth Shover	Columbus
Margaret Simon	Shiloh
Dorothy Simpson	Columbus

Hannah Alys Sinclair, B. A.	Columbus
Florn Washburn Smith	Shiloh
William Timothy Spanton, B. A.	Mt. Healthy
Mabel Hester Stephenson	Rosewood
Ruthella Stotts	Alton
Harold Blaine Summers	Canton
Cecil Vincent Thomas	Lima
Andrew Jacke Townsend	Bluffton
Adolph Unger	Tiffin
Mary Isadora Van Meter, B. A.	Columbus
Esther Wallace	Columbus
Arthur Beecher Waltermire	Columbus
Edna Earle Wintermute, B. A. (Ohio Wesleyan University)	Delaware
Florence Anna Wright	Cameron, W. Va.
Florence Wyman	Sidney
Norma Marie Ziegler	Columbus

(Seventy-nine candidates)

## Degrees Conferred During the Current Academic Year

## BACHELOR OF SCIENCE IN EDUCATION

## As of the Class of 1915

Jean Hamilton Alexander	McComb
Annie Marie Andersen, B. A.	Columbus
Ethel Elliott Cherington, B. A.	Columbus
John B. Conrad	Hillsboro
Lillie Crethers	Columbus
Mary Cornelia Dillon	Columbus
Ralph Henry Durkee	Conneaut
Bertha Mae Hatch, B. A.	Columbus
Magdalen Lewis, B. Ph. (Denison University)	Granville
Ursula Anne Minton, B. A.	Columbus
Marlow B. Perrin	Columbus
Inez Eulalia Selegue	Columbus
Florence Louise Twigg	Columbus
Elmira Anne Williams, B. A.	Columbus

## As of the Class of 1916

Ella May Reynolds, B. A.	Columbus
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## COLLEGE OF ENGINEERING

Acting Dean: Edwin F. Coddington

## BACHELOR OF ARCHITECTURE

Henry Edward Clary	Cambridge
William Elmer Curran	Columbus
Charles Franklin Dunham, Jr.	Versailles
Donald Brown Ewing	Griffin, Ga.
Bruce Forman Guthrie	Columbus
Francis Claire Martin	Kinsman
Meta Phyllis Moeser	Zanesville
William Flynn Mullay	Columbus
Peter Nachtsheim	Weissenthurm, Germany
Rupert Henry Neubrecht	Lima



George William Outland.....	Payne
Ross Edward Shumaker.....	Rockwood, Pa.
Frederick Leopold Smith.....	Marion
(Thirteen Candidates)	

## BACHELOR OF CERAMIC ENGINEERING

Robert Elmer Anderson.....	Worcester, Mass.
Harold Drummond Barger.....	Gallia
John Burdett Blewett.....	Santa Cruz, Cal.
Horace Fleming Crew.....	Zanesville
Howard Cole Ginn.....	Sidney
Thomas Karl Gregorius.....	Corning, N. Y.
Morris Creveling Gregory.....	Corning, N. Y.
Joseph Adelbert Martz.....	Greenville
(Eight candidates)	

## BACHELOR OF CHEMICAL ENGINEERING

Wilson Forrest Brown.....	Hamilton
Charles Gross Duncombe.....	Akron
John Walter Elwood.....	Peninsula
Fontaine Ryon Henninger.....	Hamilton
Raymond Andrew Jameson.....	Hamilton
Edward Hirsch Loeb.....	Hunington, W. Va.
Richard Emens Maeder.....	Dayton
William Thomas Maidens.....	Columbus
Harold Edward Mersereau.....	Toledo
Lowell Haines Milligan.....	Columbus
Norman Anderson Mills.....	Columbus
William Leslie Mong.....	Greenville
Frank Rankin Porter.....	Pleasant Valley
Lloyd Elmore Smith.....	Dayton
(Fourteen candidates)	

## BACHELOR OF CIVIL ENGINEERING

Karl Adam Borntrager.....	Townville, Pa.
Thomas Hervey Bower.....	Columbus
Darrol Leon Cheney.....	Marion
Orland Charles Daubert.....	Columbus
Walter Arthur Draudt.....	Columbus
Clemence August Geiger.....	New Washington
James Lewis Heath.....	Gillespieville
Maynard Mount Lippincott.....	Marion
George Vilas Long.....	Newark
Orris Joseph Miller.....	Dodgeville
Sidney Earl Mix.....	Sugar Grove, Pa.
Oscar Harold Pocock.....	Fredericktown
Thomas Edward Rees.....	Columbus
Earl Ivan Roberts.....	McConnelsville
Howard Lee Rupert.....	Canton
Philip Sanders.....	Columbus
John Raphael Scofield.....	Plattsburg
George Carlton Stamm.....	Mt. Vernon

## CIVIL ENGINEER

Joseph Hamilton Fleming (As of the Class of 1902) ..... Columbus  
(One candidate)

## BACHELOR OF ELECTRICAL ENGINEERING

Alvin George Andrews ..... Painsville  
Walter Baeckler ..... Euclid  
Wallace Henry Campbell ..... Rochester, N. Y.  
Noble S. Clay ..... Youngstown  
Harry Charles Coleman ..... Ashtabula  
Robert Miller Critchfield ..... Columbus  
Daniel Adam Dickey ..... Germantown  
Raymond Percy Dunning ..... Columbus  
Alfred Melvin Forman ..... Springfield  
Paul McVay Gillilan ..... Athens  
Campbell John Graf ..... Hamilton  
Samuel Tallman Hamond ..... Columbus  
Julius John Hoerath ..... Columbus  
Barton Lee Hunt ..... Columbus  
Ward B. Kindy ..... Fayette  
Ralph Garver Lockett ..... Columbus  
Robert Edward Otsot ..... Columbus  
Lewis Charles Packer ..... Hammondsville  
Carl Albert Piercy ..... Sistersville, W. Va.  
Francis Xavier Pilliod ..... Maumee  
Hugh Franklin Choffstall ..... Lake View  
Fugene Rutherford Smith ..... Granville  
Albert Waldschmidt ..... Columbus

(Twenty-three candidates)

## BACHELOR OF MECHANICAL ENGINEERING

Norbert Smith Atwell ..... Chillicothe  
Oswald Benedict Atwell (As of the Class of 1915) ..... Chillicothe  
Louis Ralph Baker ..... Swanton  
Dwight Edward Batesole ..... Toledo  
Harold Hayes Brooks ..... Columbus  
Charles Howard Marion Burnham ..... London  
Mau Chow ..... Kwong Tung, China  
Samuel Nolen James Cobb ..... Muskogee, Okla.  
Ray Kile Codner ..... Canal Winchester  
Ray Ellis ..... Newark  
Archibald Charles Huston ..... Columbus  
Charles Ray Koontz ..... New Carlisle  
Alexander Frederick Landefeld ..... Chicago Junction  
Earl Wilbert Leatherman ..... Chippewa Lake  
Walter Medill Leonard ..... Salem  
Roy John Murbach ..... Metamora  
Maurice Arthur Nettleton ..... Toledo  
Karl Willson Stinson ..... Hebron  
Theodore T. Theiss ..... Columbiana  
Harry Walker Trum ..... Canton  
Hugh Victor Walborn ..... Van Wert  
Clyde Earl Weir ..... Swanton



Earl Robert Wilson.....	Canfield
Clarence Franklin Wolf.....	Mansfield
Jay Austin Wolfe .....	Columbus
(Twenty-five candidates)	

## BACHELOR OF ENGINEERING IN MINING

Gilbert Davis Brooks.....	Zanesville
Walter Carroll.....	Columbus
Peyton Young Dooley.....	Columbus
William Wengerd Heimberger.....	Columbus
Guy Ernest Hoover.....	Roseville
Walter Jules Pouchot.....	Akron
(Six candidates)	

## ENGINEER OF MINES

As of the Class of 1911

Fred Livingood Walker.....	Kirkersville
(One candidate)	

## BACHELOR OF ENGINEERING

Cyril Paul Diebel .....	Youngstown
Fred Hewitt Fox.....	Chattanooga, Tenn.
Marcellus Albert Muskopf, B. A. (Otterbein University) M. Sc.....	Beach City
(Three candidates)	

## COLLEGE OF HOMOEOPATHIC MEDICINE

Dean: Claude A. Burrett

## DOCTOR OF MEDICINE

William Altman .....	Cleveland
William Hatfield Caine.....	Willoughby
Milton Bassett Crafts.....	Chagrin Falls
Ralph Gilbert Follansbee .....	Cleveland
Herman Oliver Hodson .....	Leesburg
John Ralph Shoemaker .....	Hudson
Wilbur George Weiss.....	Cleveland
(Seven candidates)	

## DEGREE CONFERRED DURING THE CURRENT ACADEMIC YEAR

## DOCTOR OF MEDICINE

As of the Class of 1915

Carl Howard Kent.....	Aurora
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## COLLEGE OF LAW

Dean: John Jay Adams

## JURIS DOCTOR

Mark Lewis McCave, B. A. ....	Salem
Edward John Rosino, B. A. ....	Sandusky
(Two candidates)	

## BACHELOR OF LAWS

Ralph Jackson Bartlett	Delaware
Charles Donald Brown, B. A.	Columbus
Fred Grant Carpenter	Washington C. H.
Jay Lord Collins, B. A.	Wauseon
Virgil Zartman Dorfmeier, B. A.	Dayton
Huntley Dupre, B. A.	Columbus
Leonard Pearl Henderson	South Charleston
Harry Barclay Holmes, B. A. (Franklin College)	New Athens
Roger Johnson Jones, B. A. (Ohio University)	Athens
Louis Waks Josephson	Columbus
James Edgar Kinnison, Jr.	Jackson
Raymond Emil Ladd	Bowling Green
Clarence J. Leifeld	Celina
Leslie Clair McGinley, B. A.	Akron
Frank Bliss Magly	Columbus
Charles Stanley Miller, B. A.	Dublin
Margaret Mulvey	Zanesville
John Nelson Rodgers	New Lexington
Demas Lindley Sears	Bucyrus
Edward Sinclair Thomas, B. A.	Columbus
Milo Joseph Warner, B. A.	Columbus
Francis Joseph Wright	Columbus

(Twenty-two candidates)

## DEGREES CONFERRED DURING THE CURRENT ACADEMIC YEAR

## BACHELOR OF LAWS

As of the Class of 1915

Homer Campdell Corry, B. A. (Antioch College)	Springfield
Lee Charley Hinslea	Lakewood

## COLLEGE OF MEDICINE

Dean: William J. Means

## DOCTOR OF MEDICINE

Sterling Hindley Ashmun	Dayton
Charles Taylor Atkinson	Columbus
Robert Peter Bausch	Columbus
Harry Cornelius Albert Beach	Crestline
Donald Murphy Blizzard	Orrville
James Maurice Bowman	Columbus
Harry Ray Burbacher, G. Ph	Clintonville
Cecil Carl Burnett	Columbus
Guthrie Olaf Burrell	New Lexington
Lewis Richard Carr	Prairie Depot
Walter Earnest Dapp	Barbertown
Paul Arthur Davis, B. A., M. A.	Jackson
Austin Ray Edwards	Ashland
John Rudolph Finley	Dayton
Charles Frederick Finsterwald	Athens
Fredericka Florence Freytag	Dayton
Paul Crankshaw Gauchat	Cleveland



Carl Herman Graf .....	Portsmouth
Gale Clevenger Guthrie .....	Uhrichsville
William Minx Hartinger .....	Columbus
Martin Lewis Helfrich .....	Galion
Edgar Ward Hill, Jr. ....	Marietta
Carl Claron Hugger .....	Ironton
Matthew Charles Hunter .....	Greenville
George Elmer Kalter .....	Dayton
Theodore James Kasinski .....	Lorain
Francis Marion Kissell .....	Greenville
Merton Ray Kittredge .....	Bryan
Harold Fredric Koppe .....	Logan
Julius Caesar Kramer .....	Fort Jennings
John Kinghorn Lawson .....	Gallipolis
Charles Seymour Lehner .....	Columbus
Henry William Lehrer .....	Sandusky
Charles Robert Lewis .....	Dayton
Clarence Alphonso Lindsay .....	Xenia
John Henry Luikart .....	Moundsville, W. Va.
Fred Alexander Lutz .....	Amanda
Thomas McElroy .....	Mingo Junction
Alfred Parsons Magness .....	Coshocton
James Sidney Mariner .....	Youngstown
Charles Levi Maxwell .....	Columbus
Gail Eldrid Miller .....	Elida
Justus Ambrose Mouser .....	Latty
Elmer Herman Nagel .....	Defiance
Joe Mullineaux Neal .....	Gallipolis
Earl Fray Peinert .....	Tontogany
David Patterson Philips, Jr. ....	Kenton
Harold Vieman Postle .....	Ashville
Fred Lawwill Rhodes .....	Cottageville, W. Va.
Don John Royer .....	Columbus
Lecky Harper Russell, B. L. (Kenyon College) .....	Mt. Vernon
Earl Hurst Ryan, G. Ph. (Ohio Northern University) .....	Versailles
Stanley Charles Schiller .....	Waverly
Charles Francis Shively .....	Pleasant City
Carroll Hallam Skeen .....	Greenfield
Victor Roy Small .....	Covington
James Edward Stewart .....	Atwater
Clarence Benson Tanner, D. V. M. ....	Columbus
Hadley Howard Teter .....	Cleveland
John Henry Warvel .....	Bradford

(Sixty candidates)

## DEGREE CONFERED DURING THE CURRENT ACADEMIC YEAR

## DOCTOR OF MEDICINE

As of the Class of 1915

Perry Lee Helmick .....	Zanesville
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## COLLEGE OF PHARMACY

Acting Dean: Clair Albert Dye

## BACHELOR OF SCIENCE IN PHARMACY

Harold Aten Bulger .....	East Liverpool
Lee Forest Cherry .....	Zanesville
Homer Charles Fritsch .....	Piqua
Leo Frank Gabel .....	Fremont
Russell Sage Haines, B. Sc. (Valparaiso University) .....	Xenia
(Five candidates)	

## COLLEGE OF VETERINARY MEDICINE

Dean: David Stuart White

## DOCTOR OF VETERINARY MEDICINE

Sam Adelaide Alexander .....	Matthews, N. C.
Roger Shirley Amadon .....	Fargo, N. D.
Albert Edison Bixler .....	Bluffton
Fred Harrison Bond .....	Columbus
Ivan Bertrand Boughton .....	Columbus
Albert Leonard Brainard .....	Cleveland
Gus Lee Buller .....	Brookshire, Texas
Walter Clinton Burkhart .....	Woodsfield
Lester William Burwell .....	Westerville
Clifford Cox .....	Richland, N. C.
Thurman Milton Dick .....	Stoutsville
Charles Wilbur Frush .....	Pittsburgh, Pa.
Frank Herbert George .....	Plain City
Ray Delvus Gilbert .....	Bradford
Robert Dennis Green .....	Logan
Azriel Greenbough .....	Cleveland
Charles G. Haber .....	Columbus
Daniel Leo Haley .....	Watkins, N. Y.
Lloyd Berdell Hall .....	West Lafayette
Richard Harvey .....	Montpelier
Oren Edgar Herl .....	Wren
Charles Arthur Hersom .....	Shirley, Mass
Floyd Edwin Hill .....	Dennison
Orville Weldon House .....	Genoa
William Faust Joseph .....	Iroquois, S. D.
Herbert Henry Kettler, B. Sc. in Agriculture .....	Kettleville
Harry Lebeson .....	Columbus
Lawrence John Lewis .....	Urbana
Anthony Joseph Matter .....	Springfield, Minn.
Levi Leeander Menke .....	Hempstead, Texas
David Miller .....	Bronx, N. Y.
Frederick Wilhem Miller .....	Canal Fulton
Herbert Edward Miller .....	Lima
John Elias Miller .....	East Akron
Ray Daniel Miller .....	Van Wert
Charles Huston Minor .....	Columbus
Russel Lowell Mundhenk, D. Ph. (Philadelphia College of Pharmacy) .....	Columbus
Robert Erwin Oaks .....	Franklinville, N. Y.



Orville Omar Osbourne.....	Columbus
Harry Lee Reiter.....	Lewistown
Edwin Whittington Roberts.....	Elida
Melwin Addison Ruck.....	Cleveland
Julius Eugene Severin.....	Bucyrus
Charles Lewis Smith.....	Etna
Ralph Edward Snedden.....	Columbus
Stanley Claudius Starley.....	Filmore, Utah
Albert Elmer Stettler.....	Bluffton
Orion Levi Summer.....	Canton
Earl Syferd.....	Sabina
Gilbert Leroy Taylor.....	Hamilton
Malcolm James Thompson.....	Hamilton
Francis Walton Wand.....	Oswego N. Y.
Earl Edner Watson.....	Mt. Vernon
Peter Frost Wilson.....	Aberdeen, Scotland
Winford Charles Woodruff.....	Olean, N. Y.

(Fifty-five Candidates)

## SUMMARY OF DEGREES

Graduate School.....	90	
Degrees conferred during year.....	8	
	<hr/>	98
College of Agriculture.....	209	
Degrees conferred during year.....	6	
	<hr/>	215
College of Arts.....	176	
Degrees conferred during year.....	18	
	<hr/>	194
College of Dentistry.....		34
College of Education.....	79	
Degrees conferred during year.....	15	
	<hr/>	94
College of Engineering.....		112
College of Homeopathic Medicine.....	7	
Degrees conferred during year.....	1	
	<hr/>	8
College of Law(17 certificates) (24 degrees).....	41	
Degrees conferred during year.....	2	
	<hr/>	43
College of Medicine.....	60	
Degree conferred during year.....	1	
	<hr/>	61
College of Pharmacy (20 certificates) (5 degrees).....		25
College of Veterinary Medicine.....		55
	<hr/>	939

## PROFESSIONAL CERTIFICATES

## CERTIFICATE IN LAW

Clair Francis Brickner.....	Delphos
Clifford Earley.....	Dayton
John Edward Foster.....	Jackson
William Stanton Foulks.....	East Liverpool
David Abram Gaskill.....	Greenville
Edward Joseph Greely, Jr. ....	Columbus

Lorin Thomas Lyle .....	Columbus
Henry Clare Merrill .....	Columbus
Cyril Thomas Moore .....	Columbus
Leonard Byron Ogle .....	Lowell
Albert Earl Petzke .....	Cleveland
Louis Edward Pickrel .....	Jackson
Floyd A. Rees .....	Middleport
Charles McKinley Robinson .....	Columbus
Dean Carlyle Throckmorton .....	Chillicothe
Carl August Frederick Tresemer .....	Columbus
Albert Edward Wilson .....	Norwood

(Seventeen Candidates)

## CERTIFICATE OF PHARMACEUTICAL CHEMIST

Robert Joseph Brown .....	Hamilton
Jefferson Patterson Carson .....	Orrville
Warner Dayle Cook, B. Ph. (Kenyon College) .....	Chardon
Cloyde Watson Derhammer .....	Rittman
Donald Edgar Drake .....	Columbus
Gordon Leslie Erbaugh .....	Dayton
Wallace Hampton Gorrell .....	Payne
Carl David Haugh .....	Wellsville
Harry Aldridge Heifner .....	New Philadelphia
Karl William Multer .....	Portsmouth
Cyril Noble .....	Lebanon
Charles Edward Pake .....	Mineral City
Charles Amadon Palmer .....	Columbus
Hubert Burrus Pleasant .....	Lawrenceburg, Ky.
Russell Howells Powell .....	West Lafayette
John Agustian Ryan .....	Circleville
Cecil Stanton Stonebraker .....	Belmont
Wallace Wilkins Thompson .....	Struthers
Raymond Tillett .....	Leesburg, Va.
George Frederick Zahler .....	Dennison

(Twenty Candidates)



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